CRUTCHFIELD®

THE INFORMED BUYER'S RESOURCE ■ CAR STEREO ■ AUDIO/VIDEO ■ COMPUTERS

SPRING 1994

Home Theater for just $149.95

see p. 3

- **FREE** Polk Center Channel Speaker Offer see p. 116
- Deals on Wheels! Hot Sale Prices on Car Stereo
- Crutchfield Multimedia PCs – High Power, High Style, Free Software see p. 138

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1. Automatic Price Guarantee

Crutchfield guarantees that if we lower our catalog price within 30 days of your purchase, we'll automatically refund the difference between what you paid and the new, reduced price. You don't even have to call us — you'll receive the price adjustment automatically.

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4. Outstanding Service Guarantee

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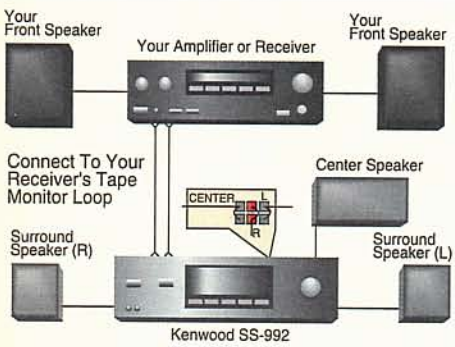
Late-Breaking Specials!



Simply connect the SS-992 decoder to your receiver's tape monitor loop and you get instant Home Theater.

Specs: 35 watts at 0.9% THD (center); 15 watts per channel at 0.9% THD for surround; Signal-to-Noise ratio 95 dB. (SS-992) 17⅜"W x 3⅞"H x 11½"D; (center) 17⅜"W x 5½"H x 6⅛"D; (surround) 7½"W x 5½"H x 6⅛"D. Warranty: 1 year.

Turn Any Stereo Into a Home Theater System for Just $149.95!

Kenwood Dolby Pro-Logic decoder/amp with center and surround speakers

Now, for less than you'd spend on a center channel speaker alone, you can turn your stereo receiver and speakers into a complete Dolby Pro-Logic Home Theater system!

It's all here: the SS-992 decoder connects to your receiver's tape monitor loop (look for a front panel switch). Its built-in amplifier provides 35 watts for the center channel and 15 watts for each surround speaker. Kenwood's matching center channel and surround speakers were designed for this decoder. The easy hook-up takes just a few minutes. Place the surround speakers on stands or a shelf, or hang them on the wall.

Item #700PKGS992
List Price: $349

Special Limited Quantity: $149.95

Save $100 on a Bose Speaker System

Satellite/subwoofer systems are a decorator's dream

Whether you want speakers for music or Home Theater, Bose has full-range systems that are virtually invisible to your eyes, but pure magic to your ears.

The AM-5 II gives you two compact satellite cube arrays plus a powerful but easy-to-conceal subwoofer. The AM-7 adds a matched center channel satellite for Home Theater systems equipped with Dolby Pro-Logic Surround. For more information, please see p. 114.

AM-5 II List Price: $799
Black #018AM5II
White #018AM5IIW

Sale: $649.95

Bose sale prices effective from Feb. 15 through March 31, 1994

AM-7 List Price: $949 (pictured)
Black #018AM7 *White* #018AM7W

Sale: $799.95

Travel Light and Smart with Acer

AcerNote 730 has 486 power, 386 price

Competition is fierce among notebook PCs, but our sale price keeps the AcerNote 730 a value leader, with:

- **Intel 486SX/25MHz SL-enhanced CPU**
- **4 MB of RAM**
- **120 MB hard drive**
- **9½" backlit display with 64-shade grayscale and 640x480 resolution**
- **Internal fax/modem**

For more information, please see p. 154.

Item #448730120 **Sale: $1499**

Compact Sony Car Amp

Quality sound for tight spaces

About the size of a paperback book, the Sony XM-2020S offers a super-clean 20 watts x 2 channels. For more information, please see p. 59.

Item #158XM2020S
List Price: $100

Sale: $49.95 *Supplies limited*

Get Ready for Summer Road Trips with Hot Car Stereo Deals from JVC

Choose cassette receiver only or receiver/6-disc changer package

JVC's KS-RT70 has it all: snazzy looks, built-in high power, theft-preventing fully detachable face, High Sensitivity tuner, and a rock-solid tape deck with auto-reverse and Dolby B. It's a sweet deal that gets even better when you add JVC's controllable XL-MK500 6-disc CD changer. *See right.*

KS-RT70 Cassette Receiver
For complete info, please see p. 18.
Item #105KSRT70 List Price: $320

Sale: $219.95

Add JVC's 6-disc changer for only $280 more!

JVC's XL-MK500 6-disc changer fits horizontally or vertically in out-of-the-way spots like the trunk or under a seat. You have total control from the KS-RT70 receiver (see left). For more info, please see p. 18.

KS-RT70/XL-MK500 value package
Item #700T70K500 System List: $820

Sale: $499.95

Car Stereo

CD changers lets you hear hours of uninterrupted tunes. No more fumbling with tapes while driving. *See page 17.*

Have you driven a new car stereo lately?

Thanks to the evolution of microchips, today's car stereos do much more, perform better and cost less.

From self-adjusting "Fuzzy Logic" FM tuners to remote control CD changers, Hi Fi for the highway is more sophisticated than ever. That's why you need our help now more than ever.

First, we give you all the facts you need to make an intelligent buying decision. Then our seasoned sales advisors recommend components that fit your car properly and work together well.

To make sure our recommendations are on target, we painstakingly researched more than 3,070 vehicles (dating back to 1964). Along the way, we created the world's most authoritative car stereo installation database.

So, after spending nearly 20 years poking around behind dashboards and door panels, we know what fits and we know how it works.

Why do we do bother? Because we haven't forgotten how much more thrilling the open road can be when you take some righteous tunes along for the ride. Give us a call today. We'll get you ready to roll. **1-800-955-3000.**

1984: This top-of-the-line Pioneer KE-7200 with auto reverse cassette, Dolby NR, tape EQ, music search, 15 presets and 5 watts per channel sold for $349.

1994: Ten years and a lot of inflation later, just $10 more gets you this Pioneer DEH-730 detachable-face CD receiver with twice the power, 24 presets, preset scan, travel presets, front/rear fader, preamp outs and switchable illumination. ***See page 25.***

Me? Install my own car stereo? Are you kidding?

If you can turn a screwdriver, you can save money by installing your own car stereo. Here's how easy it can be:

1 Remove your old radio

You may have to remove part of the dash panel. Don't panic. The step-by-step instructions we include with your new stereo will show you how.

For Ford (and a few other makes) you need a special tool. If that's the case, we provide the tool—FREE. Once the factory radio is out, you simply unplug it and you're ready to install your new receiver.

2 Plug in your new stereo

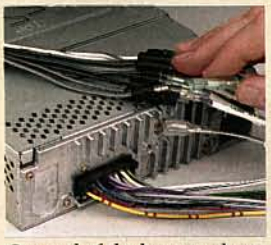
With your new receiver we supply a FREE wiring harness to match the one in your car. In most cases there's no cutting or splicing!

First, connect the receiver's wires to the free harness. Sony, Pioneer, Sherwood, JVC and most Blaupunkt receivers snap into our connectors (for most cars). With other brands and certain cars, you splice the wires together. Either way, you have our customized instructions and color-coded wires.

We've written our own Master Instructions for most popular cars.

With a FREE Crutchfield wiring harness you can plug straight into your car's wiring.

Once you connect the receiver to the wiring harness, snap the other end to the plug in your car. Now you've made all the electrical and speaker connections. It's that easy.



One end of the harness plugs into your stereo. One end plugs into the factory wiring.

3 Mount your new stereo using our Free Kit

Some stereos will fit your car perfectly. Others require a special bracket, spacer or faceplate.

Our highly trained sales advisors make sure you buy a stereo that fits your vehicle. And we include with your order any special parts you'll need—FREE—along with step-by-step diagrams and instructions.

Install it yourself and save big bucks

Here's what you would pay for professional installation:

SERVICE	PRICE RANGE
In-dash receiver	$30—$60
Dash speakers	$25—$35
Front door speakers	$30—$60
Rear deck speakers	$30—$60

4 Now your new speakers

In many cases, you simply remove the grilles covering the factory speakers. In some vehicles, you remove a panel to get at the speakers. Typically, you remove a few screws, then use a putty knife to pop off the panel. Remove the screws holding the factory speaker, pull it out and unplug it. (See page 36 for more hints.)

For your new speakers, you'll have Crutchfield custom connectors (if necessary). Attach the adapter to your new speaker and snap it into the car's wiring. Screw the speaker in, replace the panel, and you're done.

It's that simple. We're not kidding.

"The wiring behind my factory receiver was a big mess, but with your easy-to-follow instructions and custom kit, I had a superb sounding audio environment in less than an hour."

– Jason G., Salesman, Valdosta, GA

Sound Check

We put our ear and our gear on trial

We've been telling folks for years that our car stereo systems sound far better than over-priced factory systems. We've touted the benefits of buying a stereo made by an audio manufacturer. And we've bragged about the cutting-edge technology built into the gear we sell.

But recently, we began to wonder if scientific instruments would confirm what our ears tell us about the sound of most factory systems.

Rob Putman, our automotive research and development director, used a calibrated microphone and a computer to analyze the performance of the dueling systems in this 1990 Honda.

Honda vs. Sony & Kenwood

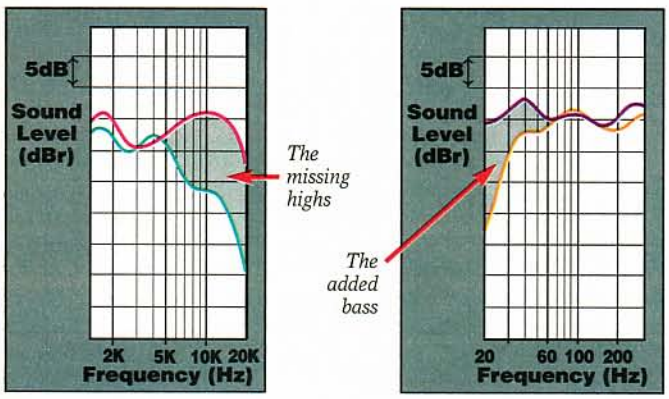
So, we measured the frequency response of the factory system in a 1990 Honda Accord. Then we replaced the factory receiver with a Sony XR-U220. We replaced the factory speakers with Kenwood KFC-P206 component speakers (front) and KFC-1674 6½" speakers (rear).

Then we ran the frequency response test again.

A measurable difference?

The graph at left clearly shows a much improved response curve from 5,000 Hz to 20,000 Hz. This range of frequencies contains many of the musical overtones that are so crucial to stereo imaging. You can really hear the difference our test equipment measured.

Frankly, due to available amplifier power, our initial measurements yielded a draw in bass response. So, we added a 6½" Amplified Bazooka subwoofer (see page 48). The graph at right shows how how much more bass our system puts out with the Bazooka.



With Sony and Kenwood components, the frequency response in the upper range is measurably superior. The factory system takes a nosedive around 5,000 Hz.

The 70-watt Bazooka subwoofer (below) boosted bass between 20 Hz and 60 Hz.

Why 1.7 million buyers trust Crutchfield

FREE Installation kits

We stock over 640 different installation kits, covering practically every car on the road today. Mounting brackets for in-dash receivers, special speaker adapter plates for hard-to-fit vehicles, wiring harness plugs; Crutchfield has them all.

The right kit for your car is FREE when you buy from Crutchfield.

FREE Instruction booklets

With your purchase, you'll receive FREE instructions for your specific car. And, for the most popular cars, our Master Instruction booklets take you through your entire installation step by step. How to remove your dash and door panels. How to mount your new components. How to use our wiring adapters. How to use our kits. What tools are required.

FREE Installation guides

The Installation Doctor: Ask for your free copy of this easy-to-follow guide. It covers removal of the factory radio, and installation of speakers, antenna, in-dash receiver, and amplifier. *The Installation Specialist* covers more complex systems.

"When I called, I didn't expect anyone to know anything about my Jaguar. Not only did they know, the installation manual they sent me free was more helpful and detailed than my $100 shop manuals."

– Chris W., Machinist, Ashland, Ohio

FREE Installation help 7 days a week

Installation experts are on duty when you need them most.

If you run into trouble during your installation, just pick up the phone and call us, toll-free. Our experts are here to help Crutchfield customers from 8am to Midnight (Eastern time), 7 days a week. You'll talk with an experienced technician (14 members of our staff are certified First Class Installers by the Electronic Industries Association).

1-800-955-3000.

UPS shipping for just $3.95

All you pay is $3.95 for UPS shipping, no matter how much you order or how heavy it is. See page 79 for delivery timetable.

No bogus extended service contracts

Unlike many retailers, we don't pressure you into buying expensive and unnecessary extended service contracts.

Total satisfaction guarantee

If—for any reason at all—you're not completely satisfied with anything you buy from us, let us know within 30 days of your receiving it. We'll take it back and give you a refund for the full amount of the merchandise. We only ask that you call for a Return Authorization number and that returns be in their original condition and packaging.

Anti-Theft Protection

To help prevent your receiver from being stolen from your unattended car, many in-dash models include an anti-theft feature.

Removable-chassis

You slide the entire receiver out of its sleeve and carry it with you.

Detachable-face

You remove only the control face, which is compact enough to fit in a pocket or purse. The receiver body stays in the dash, useless without the control face.

Fader

Lets you balance the output of front and rear speakers in a four speaker system. We list six types of fader. **Type #1:** works between front and rear speaker outputs (preamp outputs not provided). **Type #2:** fades between two pair of preamp outputs *only*. **Type #3:** works between one pair of speaker outputs and one pair of preamp outputs. **Type #4:** fades between front and rear speaker outputs (preamp outputs are not affected) **Type #5:** works on all speaker outputs *and* preamp outputs simultaneously. **Type #6:** fades between front and rear speaker outputs *or* speaker-to-preamp *(but speaker-to-speaker is lost).*

RCA Preamp Outputs

These make it easy to connect a separate amp, equalizer, or electronic crossover. This low-distortion preamp-level signal offers cleaner sound.

CD Changer Controls

More and more receivers have dual-function controls which can operate a compatible (same-brand) multi-CD changer.

Bass & Treble

Separate bass and treble adjustment provides much greater control than a single tone control.

Loudness Switch

Activating this switch boosts low frequencies for more bass, especially at low volume levels where the ear is less sensitive. Certain models have automatic loudness which disengages when volume is increased.

AM/FM Memory Presets

All of our receivers use electronic tuning, which provides convenient memory presets. You can program and store your favorite stations in these memories and select them with the touch of a button.

Preset Scan

This feature plays a brief sample of each station stored in the memory presets.

Mono/Stereo Switch

If a weak station begins to sound noisy in stereo, switching to mono improves the sound.

Auto Reverse

At the end of one side of the tape, the mechanism changes directions automatically to play the other side.

Dolby Noise Reduction

This system decodes Dolby-encoded tapes during playback to virtually eliminate tape hiss. Dolby B is the most widely used system; the newer Dolby C is even more effective.

Auto Music Search

This tape feature can fast forward or rewind to the next song and begin play automatically by "sensing" the blank spaces between songs.

Tape Equalization Switch

Selects the best equalization response according to the type of tape: normal, high-bias or metal.

Full Logic Tape Transport

Provides soft-touch electronic controls instead of the conventional, more limited mechanical controls. Often includes high-end features like motorized automatic cassette loading.

Radio/Tape Switch

Lets you change from tape to tuner with the flip of a switch. Some models automatically switch to tuner whenever the cassette is fast-winding.

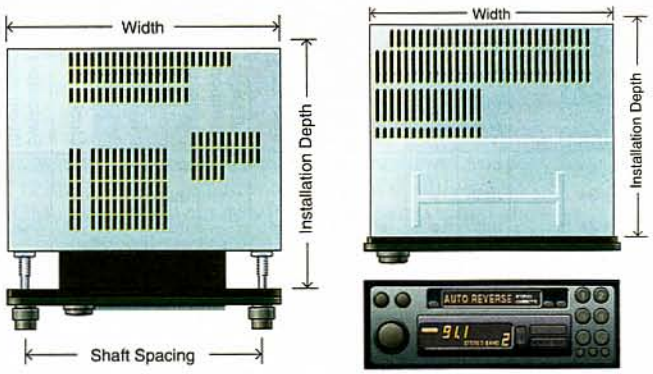
Power Off Release

Whenever power to the deck is cut off, the tape automatically disengages from the rubber pinchroller. This relaxes tension on the tape and reduces wear on the tape, tape head, pinchroller, and capstan.

In-Dash Cassette Receivers	Page	Chassis Size	Installation Depth	Anti-Theft Protection	# of Speaker Outputs	Fader Type	RCA Preamp Outputs	CD Changer Controls	Bass & Treble	Loudness Switch	AM/FM Memory Presets	Preset Scan	Mono/Stereo Switch	Auto Reverse	Dolby NR	Auto Music Search	Tape EQ Switch	Full Logic Transport	Radio/Tape Switch	Power Off Release	Clock	Switchable Illumination
Blaupunkt Cancun	14	E	6⅜"	detach. face	4	5	✔		✔	✔	18		✔	✔								
Blaupunkt Memphis	15	I & E	6⅝"	detach. face	4	5	✔		✔	✔	24	✔	auto	✔					auto		✔	
Blaupunkt Lexington	15	I & E	6¾"	detach. face	4	5/2	2 sets	✔	✔	✔	24	✔	auto	✔		✔			auto	✔	✔	
Clarion S5200	10	U	6⅝"		4	1					18	✔	auto	✔							✔	
Clarion 8404RT	11	U	6½"		4	5	✔		✔	auto	18	✔	auto	✔			✔				✔	
Clarion 9702RT	13	U	6⅝"		4	5	✔		✔	auto	18	✔	auto	✔	✔	✔	✔		auto		✔	
Clarion 9773RT	14	E	6⅞"	remov. chassis	4	5/2	2 sets		✔	✔	24	✔	auto	✔	✔	✔	✔		auto			✔
Clarion 9780RT	16	I & E	6½"	detach. face	4	5	✔		✔	✔	24	✔	auto	✔	✔	✔	✔				✔	✔
Clarion 3580RC	17	I & E	6½"	detach. face	4	5	✔	✔	✔	✔	24	✔	auto	✔			✔		✔		✔	
Clarion 3680RC	17	E	6⅜"	detach. face	4	5	✔	✔	✔	✔	24	✔	auto	✔	✔		✔		✔		✔	
Jensen CS-5000	12	E	6¼"		4	4	✔		✔		24	✔	auto	✔							✔	
JVC KS-R140	10	S	6⅜"		4	1			✔	auto	20	✔	auto	✔							✔	
JVC KS-R160	10	S	6⅜"		4	4	✔		✔	auto	20	✔	✔	✔	✔	✔					✔	✔
JVC KS-R470	12	I & E	6⅜"		4	1			✔	✔	20	✔	✔	✔							✔	
JVC KS-RX175	12	U	5⅞"		4	5	✔		✔	auto	20	✔	✔	✔	✔	✔	✔				✔	✔
JVC KS-RT30	14	E	6⅜"	detach. face	4	1			✔	✔	20	✔	✔	✔							✔	
JVC KS-RT50	14	E	6⅜"	detach. face	4	5	✔		✔	✔	20	✔	✔	✔	✔						✔	
JVC KS-RT70	18	E	6¼"	detach. face	4	5	✔	✔	✔	✔	24	✔	✔	✔	✔					✔	✔	
JVC KS-RT80	18	E	6½"	detach. face	4	5	✔	✔	✔	✔	24	✔	✔	✔	✔	✔	✔	✔		✔	✔	
Kenwood KRC-1005	13	U	6⅜"		4	5	✔		✔	✔	18		auto	✔					auto		✔	
Kenwood KRC-2005	13	U	6¼"		4	5	✔		✔	✔	18		auto	✔					auto		✔	
Kenwood KRC-3005	15	U	6⅜"		4	5	✔		✔	✔	18		auto	✔	✔	✔	✔		auto		✔	
Kenwood KRC-160	14	I & E	6"		4	5	✔		✔	✔	24		auto	✔					auto		✔	
Kenwood KRC-260	15	I & E	6⅛"	detach. face	4	5	✔		✔	✔	24		auto	✔					auto		✔	
Kenwood KRC-360	15	I & E	6⅛"	detach. face	4	5	✔		✔	✔	24		auto	✔	✔	✔			auto		✔	
Kenwood KRC-440	16	I & E	6¼"	remov. chassis	4	5/2	2 sets		✔	✔	24		auto	✔	✔	✔	✔		auto			✔

In-Dash Cassette Receivers	Page	Chassis Size	Installation Depth	Anti-Theft Protection	# of Speaker Outputs	Fader Type	RCA Preamp Outputs	CD Changer Controls	Bass & Treble	Loudness Switch	AM/FM Memory Presets	Preset Scan	Mono/Stereo Switch	Auto Reverse	Dolby NR	Auto Music Search	Tape EQ Switch	Full Logic Transport	Radio/Tape Switch	Power Off Release	Clock	Switchable Illumination
Kenwood KRC-460	16	I & E	6⅛"	detach. face	4	5/2	2 sets		✔	✔	24		auto	✔	✔	✔	✔		auto		✔	4-way
Kenwood KRC-560	21	I & E	6⅜"	detach. face	4	5/2	2 sets	✔	✔	✔	24		auto	✔					auto		✔	
Kenwood KRC-660	21	I & E	6½"	detach. face	4	5/2	2 sets	✔	✔	✔	24		auto	✔	✔	✔	✔		auto		✔	4-way
Kenwood KRC-860	21	I & E	6½"	detach. face	4	5/2	2 sets	✔	✔	✔	24		auto	✔	B/C	✔	✔		auto		✔	4-way
Kenwood KRC-960	21	I & E	6⅛"	detach. face	–	2	3 sets	✔	✔	✔	24		auto	✔	B/C	✔	auto	✔	auto	✔	✔	4-way
Pioneer KE-1700QR	13	E	6⅛"	remov. chassis	4	5	✔		✔		24	✔	auto	✔								
Pioneer KEH-2200QR	13	E	6"	remov. chassis	4	4	✔		✔	✔	24	✔	auto	✔								
Pioneer KEH-4949	13	S	6¼"		4	4	✔		✔	auto	24	✔	auto	✔							✔	
Pioneer KEH-6969	13	S	6¼"		4	4	✔		✔	auto	24	✔	auto	✔	✔	✔	✔				✔	
Pioneer KEH-9898TR	16	U	6½"		4	blend	✔		✔	✔	24	✔	auto	✔	✔	✔	✔		auto	✔	✔	
Pioneer KEH-M4500	20	E	6¼"	detach. face	4	5	✔	✔	✔	✔	24	✔	✔	✔							✔	
Pioneer KEH-M5500	20	E	6¼"	detach. face	4	5	✔	✔	✔	✔	24	✔	✔	✔	✔	✔	✔				✔	
Pioneer KEH-M6500	20	I & E	6½"	detach. face	4	5	✔	✔	✔	✔	24	✔	auto	✔					✔	✔	✔	
Pioneer KEH-M7500	20	I & E	6½"	detach. face	4	1/2	2 sets	✔	✔	✔	24	✔	auto	✔	✔	✔	✔		✔	✔	✔	✔
Pioneer KEH-M8500	20	I & E	6⅝"	detach. face	4	5/2	2 sets	✔	✔	✔	24	✔	✔	✔	B/C	✔	auto	✔	✔	✔	✔	✔
Sanyo MAR-1000	10	U	6⅜"		4	1				auto	18	✔	auto	✔							✔	
Sanyo MAR-1080	10	U	6½"		4	4			✔	✔	18	✔	auto	✔							✔	
Sanyo MAR-2000	11	I & E	6⅜"		4	4	✔		✔	✔	18	✔	auto	✔					auto		✔	
Sanyo MAR-1980	11	I & E	6½"		4	4	✔		✔	✔	18	✔	auto	✔					auto		✔	
Sanyo MAR-1280	11	U	6½"		4	4	✔		✔	✔	18	✔	auto	✔	✔	✔			auto	✔	✔	
Sherwood XR-4127A	12	S	5⅞"		4	5	✔		✔	auto	30	✔	auto	✔		✔	✔				✔	
Sony EXR-10	10	S	6⅝"		4	1					18			✔							✔	
Sony XR-2300	11	S	6¼"		4	1			✔	✔	18	✔		✔							✔	
Sony XR-2600	11	S	6¼"		4	4	✔		✔	✔	18			✔							✔	
Sony XR-4400	15	I & E	6¾"	detach. face	4	5	✔		✔	✔	30	✔	✔	✔					auto		✔	
Sony XR-5600	15	I & E	6¾"	detach. face	4	5	✔		✔	✔	30	✔	✔	✔	✔	✔	✔		auto		✔	
Sony XR-U110	18	I & E	6⅝"	detach. face	4	5	✔	✔	✔	✔	24	✔	✔	✔					auto		✔	
Sony XR-U220	19	E	6⅛"	detach. face	4	5	✔	✔	✔	✔	24	✔	✔	✔					auto	✔	✔	
Sony XR-U330	19	E	6⅛"	detach. face	4	5/2	2 sets	✔	✔	✔	24	✔	✔	✔	✔	✔	✔		auto	✔	✔	
Sony XR-U660	19	E	6⅛"	detach. face	4	5/2	2 sets	✔	✔	✔	30		✔	✔	B/C	✔	✔	✔	auto	✔	✔	✔
Sony XR-U770	19	I & E	6"	detach. face	–	2	2 sets	✔	✔	✔	30	✔	✔	✔	B/C	✔	auto	✔	auto	✔	✔	✔

In-Dash CD Receivers	Page	Chassis Size	Installation Depth	Anti-Theft Protection	# of Speaker Outputs	Fader Type	RCA Preamp Outputs	CD Changer Controls	Bass and Treble	Loudness	AM/FM Presets	Preset Scan	Mono/Stereo Switch	Track Skip	Random Play	Intro Scan	Repeat	3" CD Compatible	Wireless Remote Control	Clock	Switchable Illumination
Blaupunkt Laguna	24	E	6⅜"	detach. face	2	3	✔		✔	✔	24	✔	✔	✔	✔	✔	✔			✔	
Blaupunkt Ventura	25	I & E	6½"	detach. face	4	5	✔		✔	✔	24	✔	✔	✔	✔	✔	✔			✔	
Blaupunkt Monterey	25	I & E	6½"	detach. face	4	5/2	2 sets	✔	✔	✔	24	✔	✔	✔	✔	✔	✔		opt.	✔	✔
Clarion 5632CD	23	I & E	6⅞"		2	3/2	2 sets		✔	✔	20	✔	auto	✔	✔	✔	✔	✔		✔	
Clarion 5671CD	23	E	6⅞"	remov. chassis	2	3/2	2 sets		✔	✔	20	✔	auto	✔	✔	✔	✔	✔			
Clarion 5780CD	26	E	6⅞"	detach. face	4	5	✔		✔	✔	24	✔	auto	✔	✔	✔	✔	✔		✔	
Jensen CD9540	24	I & E	6⅝"	detach. face	4	5/2	3 sets		✔	✔	24	✔	✔	✔	✔	✔	✔	✔			✔
JVC XL-G3900	25	E	6⅝"	detach. face	4	5	✔	✔	✔	✔	24	✔	✔	✔	✔	✔	✔	✔			✔
JVC KD-GT7	27	E	6¾"	detach. face	4	2	2 sets		✔	✔	24	✔	✔	✔	✔	✔	✔			✔	
Kenwood KDC-5000	24	I & E	6¾"		4	5	✔		✔	✔	18		auto	✔	✔	✔	✔			✔	
Kenwood KDC-7000	26	I & E	6⅞"	detach. face	4	5/2	2 sets		✔	✔	24		auto	✔	✔	✔	✔			✔	✔
Kenwood KDC-9000	27	I & E	7"	detach. face	–	2	3 sets	✔	✔	✔	24		auto	✔	✔	✔	✔		✔	✔	4-way
Pioneer DEH-730	25	I & E	6½"	detach. face	4	5	✔		✔	✔	24	✔	✔	✔	✔	✔	✔	✔		✔	✔
Pioneer DEH-780	26	E	6⅛"	detach. face	2	3/2	2 sets		✔	✔	24	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
Pioneer DEH-880	27	E	6⅛"	detach. face	4	5	✔		✔	✔	24	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
Pioneer DEH-M980	27	E	6⅛"	detach. face	4	5/2	2 sets	✔	✔	✔	24	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
Pioneer DEH-M990	27	I & E	6⅜"	detach. face	4	5/2	2 sets	✔	✔	✔	24	✔	auto	✔	✔	✔	✔	✔	✔	✔	✔
Sanyo ECD-8580	23	E	6⅝"	remov. chassis	4	5	✔		✔	✔	18		✔	✔	✔	✔	✔	✔			
Sony CDX-5060	24	I & E	6½"	detach. face	4	5	✔		✔	✔	24	✔	✔	✔	✔	✔	✔			✔	
Sony CDX-5260	25	I & E	6½"	detach. face	4	5	✔		✔	✔	24	✔	✔	✔	✔	✔	✔			✔	
Sony CDX-5460	25	I & E	6½"	detach. face	4	5/2	2 sets		✔	✔	24	✔	✔	✔	✔	✔	✔		free	✔	✔
Sony CDX-U6260	26	I & E	6½"	detach. face	4	5/2	2 sets	✔	✔	✔	24	✔	✔	✔	✔	✔	✔		free	✔	✔



Here are the vital statistics on our in-dash receivers along with explanations of what the numbers mean, in order of their appearance in the chart. The information in italics is more technical and in-depth.

RMS Power

The amount of *continuous* power produced by the built-in amplifiers in these receivers. The more amplifier power you have, the higher the volume level you can listen at without unpleasant distortion. *The watt is the unit of measure for output power. To double the loudness you hear requires a tenfold increase in power.*

Peak Power

The *maximum* amount of power the receiver's amplifiers can deliver as a brief burst during a musical peak. Not as accurate as the RMS measurement.

FM Mono Sensitivity

The measure of how well a tuner can pick up weak stations. Sensitivity is measured in dBf, with smaller values indicating a more sensitive tuner. *The unit measures for tuners is Decibel Femtowatt (dBf) which compares the signal strength required for reception to a reference of one femtowatt. Smaller values indicate a greater ability to pick up weak signals.*

FM Mono 50 dB Quieting Sensitivity

This tells you how strong an FM signal needs to be for clear mono reception without distortion. Again, a smaller value indicates a more sensitive tuner. *This specification shows the FM signal strength required for the signal (music) level to be 50 dB greater than the background noise.*

FM Stereo Separation

This measures a tuner's ability to separate the left and right channels of a stereo broadcast. The higher the number, the greater the separation. *The unit of measure is Decibel (dB), a logarithmic unit expressing the ratio between two voltage, current, or power levels, usually relating to a standard reference level, or a background noise level. In this case, what is measured is the difference between the two channels.*

Frequency Response

This shows you how much of the audible range (from 20 to 20,000 Hertz) can be reproduced. A wider range indicates higher fidelity sound. *Hertz (Hz) is the unit of frequency, equal to one cycle per second. Human hearing ranges from 20 to 20,000 Hertz. As a point of reference, "Middle C" on a piano is 262 Hz.*

Signal-to-Noise Ratio

This tells you how much background noise is being produced by comparing the strength of the desired signal (music) to the level of background noise. Higher values indicate less background noise. Decks with Dolby noise reduction have much better signal Signal-to-Noise ratios. *The unit of measure for Signal-to-Noise is dB (see Stereo Separation for explanation).*

Wow and Flutter

Indicates how accurate the tape deck's playback speed is. The lower the number, the better. Wow is a distortion of music pitch caused by low-frequency speed fluctuation. Flutter is caused by high frequency speed changes. Lower percentages indicate more precise transport mechanisms.

Shaft Spacing

Some "U" and "S" chassis receivers let you adjust the distance between the control shafts to accommodate different dash openings. A single width indicates fixed spacing.

Nosepiece Dimensions

This refers to the protruding central section between the control shafts of "U" and "S" chassis receivers. Size "I", "E", or "I&E" refers to exposed front face on DIN-style receivers. For "I&E" models, "E" dimensions are listed.

Chassis Dimensions

These are the overall dimensions of the receiver's housing. The unit's width is listed first, followed by height. For models which are size "I&E", "E" dimensions are listed.

Installation Depth

Includes the receiver's chassis depth, plus an allowance for protruding cables, harnesses, etc..

In-Dash Cassette Receivers	RMS Power (watts)	Peak Power (watts)	FM Mono Sensitivity	FM Mono 50dB Quieting Sensitivity	FM Stereo Separation at 1 kHz	Tape Frequency Response (±3 dB)	Tape Signal-to-Noise Ratio	Tape Wow and Flutter	Shaft Spacing (inches)	Nosepiece Dimensions (inches) (WxH)	Chassis Dimensions (inches) (WxH)	Install. Depth	List Price	Your Price
Blaupunkt Cancun	15/4 x 2	25/7 x 2	19 dBf	25 dBf	30 dB	40-14,000 Hz	55 dB	0.15%	–	7 7/16 x 2 3/8	7 3/16 x 2 1/8	6 3/8"	$250	$199.95
Blupunkt Memphis	10 x 4	20 x 4	13 dBf	15 dBf	35 dB	30-18,000 Hz	55 dB	0.12%	–	7 7/16 x 2 3/8	7 3/16 x 2 1/8	6 5/8"	$280	$239.95
Blaupunkt Lexington	10 x 4	20 x 4	13 dBf	15 dBf	35 dB	30-18,000 Hz	55 dB	0.12%	–	7 7/16 x 2 3/8	7 3/16 x 2 1/8	6 3/4"	$320	$269.95
Clarion S5200	3.2 x 2	6 x 2	12 dBf	17 dBf	35 dB	30-14,000 Hz	53 dB	0.10%	5 3/4	4 3/16 x 1 3/4	7 x 2	6 5/8"	$150	$99.95
Clarion 8404RT	3.2 x 2	8 x 2	12 dBf	17 dBf	35 dB	40-16,000 Hz	56 dB	0.10%	5 13/16	4 3/16 x 1 3/4	7 x 2	6 1/2"	$170	$139.95
Clarion 9702RT	12 x 2	27 x 2	12 dBf	17 dBf	35 dB	30-18,000 Hz	66 dB	0.10%	5 13/16	4 3/16 x 1 3/4	7 x 2	6 5/8"	$220	$199.95
Clarion 9773RT	12 x 2	20 x 4	12 dBf	17 dBf	35 dB	30-18,000 Hz	66 dB	0.10%	–	7 3/8 x 2 1/4	7 3/16 x 2 1/8	6 7/8"	$320	$199.95
Clarion 9780RT	12 x 4	20 x 4	12dBf	17dBf	35 dB	30-18,000 Hz	66 dB	0.10%	-	7 7/16 x 2 5/16	7 3/16 x 2 1/8	6 1/2"	$300	$269.95
Clarion 3580RC	12 x 4	20 x 4	12dBf	17dBf	35 dB	30-18,000 Hz	56 dB	0.10%	-	7 7/16 x 2 5/16	7 3/16 x 2 1/8	6 1/2"	$300	$279.95
Clarion 3680RC	14 x 4	30 x 4	12 dBf	17 dBf	35 dB	30-18,000 Hz	66 dB	0.10%	–	7 3/8 x 2 1/4	7 3/16 x 2 1/8	6 3/8"	$330	$299.95
Jensen CS-5000	15 x 2	25 x 2	18 dBf	21 dBf	40 dB	40-14,000 Hz	55 dB	0.12%	–	7 7/16 x 2 5/16	7 3/16 x 2 1/8	6 1/4"	$230	$149.95
JVC KS-R140	3 x 2	8 x 2	15.3 dBf	18.8 dBf	35 dB	50-14,000 Hz	52 dB	0.11%	5 7/8	4 3/16 x 1 1/16	7 1/16 x 2	6 3/8"	$170	$129.95
JVC KS-R160	3 x 2	8 x 2	15.3 dBf	18.8 dBf	35 dB	50-14,000 Hz	60 dB	0.11%	5 7/8	4 3/16 x 1 1/16	7 1/16 x 2	6 3/8"	$200	$149.95
JVC KS-R470	3 x 2	8 x 2	17.2 dBf	19.5 dBf	30 dB	50-13,000 Hz	52 dB	0.11%	–	7 7/16 x 2 5/16	7 3/16 x 2 1/16	6 3/8"	$200	$159.95
JVC KS-RX175	3/8 x 2	8/22 x 2	16.3 dBf	18.8 dBf	35 dB	50-16,000 Hz	60 dB	0.13%	5 1/2-5 7/8	4 1/8 x 1 1/16	7 x 2	5 7/8"	$250	$179.95
JVC KS-RT30	3 x 2	8 x 2	15.3 dBf	18.8 dBf	35 dB	50-14,000 Hz	52 dB	0.11%	–	7 1/2 x 2 5/16	7 3/16 x 2 1/16	6 3/8"	$250	$179.95
JVC KS-RT50	3/8 x 2	8/25 x 2	13.5 dBf	17.2 dBf	35 dB	50-15,000 Hz	60 dB	0.11%	–	7 1/2 x 2 5/16	7 3/16 x 2 1/16	6 3/8"	$280	$199.95
JVC KS-RT70	3/12 x 2	8/25 x 2	12.1 dBf	16.3 dBf	35 dB	50-16,000 Hz	60 dB	0.11%	–	7 1/2 x 2 5/16	7 3/16 x 2 1/16	6 1/4"	$320	$219.95
JVC KS-RT80	3/12 x 2	8/25 x 2	12.1 dBf	16.3 dBf	35 dB	50-18,000 Hz	60 dB	0.11%	–	7 1/2 x 2 5/16	7 3/16 x 2 1/16	6 1/2"	$400	$349.95
Kenwood KRC-1005	4 x 2	8 x 2	13.2 dBf	15.2 dBf	38 dB	30-14,000 Hz	54 dB	0.12%	5 13/16	4 3/16 x 1 13/16	7 1/16 x 2	6 3/8"	$190	$129.95
Kenwood KRC-2005	15 x 2	25 x 2	13.2 dBf	15.2 dBf	38 dB	30-14,000 Hz	54 dB	0.12%	5 13/16	4 3/16 x 1 13/16	7 1/16 x 2	6 1/4"	$210	$179.95
Kenwood KRC-3005	15 x 2	25 x 2	13.2 dBf	15.2 dBf	38 dB	30-16,000 Hz	63 dB	0.12%	5 13/16	4 3/16 x 1 13/16	7 1/16 x 2	6 3/8"	$280	$229.95
Kenwood KRC-160	15 x 2	25 x 2	12 dBf	15.2 dBf	40 dB	30-14,000 Hz	54 dB	0.12%	–	7 7/16 x 2 5/16	7 3/16 x 2 1/16	6"	$230	$199.95
Kenwood KRC-260	15 x 2	25 x 2	12 dBf	15.2 dBf	40 dB	30-14,000 Hz	54 dB	0.12%	–	7 7/16 x 2 5/16	7 3/16 x 2 1/16	6 1/8"	$280	$239.95
Kenwood KRC-360	15 x 2	25 x 2	12 dBf	15.2 dBf	40 dB	30-14,000 Hz	63 dB	0.12%	–	7 7/16 x 2 5/16	7 3/16 x 2 1/16	6 1/8"	$310	$279.95
Kenwood KRC-440	15 x 2	25 x 2	12 dBf	15.2 dBf	40 dB	30-16,000 Hz	63 dB	0.12%	–	7 7/16 x 2 5/16	7 3/16 x 2 1/16	6 1/4"	$330	$279.95

In-Dash Cassette Receivers	RMS Power (watts)	Peak Power (watts)	FM Mono Sensitivity	FM Mono 50 dB Quieting Sensitivity	FM Stereo Separation at 1 kHz	Tape Frequency Response (±3 dB)	Tape Signal-to-Noise Ratio	Tape Wow and Flutter	Shaft Spacing (inches)	Nosepiece Dimension (Inches) (W x H)	Chassis Dimensions (inches) (W x H)	Install Depth	List Price	Your Price
Kenwood KRC-460	15 x 2	25 x 2	12 dBf	15.2 dBf	40 dB	30-16,000 Hz	63 dB	0.12%	–	7 7/16 x 2 5/16	7 3/16 x 2 1/16	6 1/8"	$360	$279.95
Kenwood KRC-560	15 x 4	25 x 4	12 dBf	15.2 dBf	40 dB	30-14,000 Hz	54 dB	0.12%	–	7 7/16 x 2 5/16	7 3/16 x 2 1/16	6 3/8"	$360	$249.95
Kenwood KRC-660	15 x 4	25 x 4	12 dBf	15.2 dBf	40 dB	30-16,000 Hz	63 dB	0.12%	–	7 7/16 x 2 5/16	7 3/16 x 2 1/16	6 1/2"	$410	$369.95
Kenwood KRC-860	15 x 4	25 x 4	12 dBf	15.2 dBf	40 dB	30-16,000 Hz	71 dB	0.12%	–	7 7/16 x 2 5/16	7 3/16 x 2 1/16	6 1/2"	$460	$399.95
Kenwood KRC-960	–	–	12 dBf	15.2 dB	40 dB	30-21,000 Hz	73 dB	0.08%	–	7 7/16 x 2 5/16	7 3/16 x 2 1/16	6 1/8"	$640	$579.95
Pioneer KE-1700QR	3.2 x 2	8.5 x 2	11 dBf	16 dBf	40 dB	50-14,000 Hz	52 dB	0.13%	–	7 3/8 x 2 1/4	7 1/4 x 2 1/8	6 1/8"	$274	$179.95
Pioneer KEH-2200QR	10 x 2	25 x 2	11 dBf	16 dBf	40 dB	40-14,000 Hz	52 dB	0.13%	–	7 7/16 x 2 1/4	7 3/16 x 2 1/16	6"	$304	$199.95
Pioneer KEH-4949	10 x 2	25 x 2	11 dBf	16 dBf	40 dB	40-14,000 Hz	52 dB	0.13%	5 13/16	4 1/8 x 1 15/16	7 1/16 x 2	6 1/4"	$282	$189.95
Pioneer KEH-6969	10 x 2	25 x 2	11 dBf	16 dBf	40 dB	40-17,000 Hz	63 dB	0.13%	5 13/16	4 1/8 x 1 15/16	7 1/16 x 2	6 1/4"	$346	$229.95
Pioneer KEH-9898TR	10 x 2	25 x 2	11 dBf	16 dBf	40 dB	40-17,000 Hz	63 dB	0.13%	5 3/4	4 1/8 x 1 1/16	7 1/8 x 2	6 1/2"	$424	$279.95
Pioneer KEH-M4500	10 x 2	25 x 2	11 dBf	16 dBf	40 dB	40-14,000 Hz	52 dB	0.13%	–	7 7/16 x 2 1/4	7 3/16 x 2 1/16	6 1/4"	$376	$249.95
Pioneer KEH-M5500	10 x 2	25 x 2	11 dBf	16 dBf	40 dB	40-17,000 Hz	63 dB	0.13%	–	7 7/16 x 2 1/4	7 3/16 x 2 1/16	6 1/4"	$436	$279.95
Pioneer KEH-M6500	10 x 2	25 x 2	11 dBf	16 dBf	40 dB	40-14,000 Hz	52 dB	0.13%	–	7 7/16 x 2 1/4	7 3/16 x 2 1/16	6 1/2"	$460	$299.95
Pioneer KEH-M7500	10 x 2	25 x 2	11 dBf	16 dBf	40 dB	40-17,000 Hz	63 dB	0.13%	–	7 7/16 x 2 1/4	7 3/16 x 2 1/16	6 1/2"	$520	$349.95
Pioneer KEH-M8500	14 x 4	30 x 4	8 dBf	13 dBf	40 dB	30-19,000 Hz	73 dB	0.09%	–	7 7/16 x 2 1/4	7 3/16 x 2 1/16	6 5/8"	$748	$529.95
Sanyo MAR-1000	3 x 2	8 x 2	17 dBf	20 dBf	30 dB	50-14,000 Hz	52 dB	0.12%	5 1/8 - 5 3/4	4 3/16 x 1 13/16	6 5/8 x 1 15/16	6 3/8"	$180	$99.95
Sanyo MAR-1080	3 x 2	8 x 2	17dBf	20dBf	30 dB	50-14,000 Hz	52dB	0.12%	5 1/8 - 5 3/4	4 3/16 x 1 13/16	6 5/8 x 1 15/16	6 1/2"	$220	$119.95
Sanyo MAR-2000	3 x 2	6 x 2	17 dBf	20 dBf	30 dB	50-14,000 Hz	52 dB	0.12%	–	7 3/8 x 2 5/16	7 1/8 x 2 1/16	6 3/8"	$250	$129.95
Sanyo MAR-1980	9.5 x 2	25 x 2	17 dBf	20 dBf	30 dB	50-14,000 Hz	52 dB	0.12%	–	7 3/8 x 2 5/16	7 1/8 x 2 1/16	6 1/2"	$270	$149.95
Sanyo MAR-1280	9.5 x 2	25 x 2	17 dBf	20 dBf	30 dB	50-14,000 Hz	62 dB	0.12%	5 1/8 - 5 7/8	4 3/16 x 1 13/16	6 5/8 x 1 15/16	6 1/2"	$250	$149.95
Sherwood XR-4127A	14 x 2	20 x 2	12.4 dBf	21.5 dBf	40 dB	30-18,000 Hz	55 dB	0.09%	5 1/4 - 5 13/16	4 1/8 x 1 3/4	7 x 2	5 7/8"	$230	$159.95
Sony EXR-10	4 x 2	7.5 x 2	13 dBf	16.3 dBf	35 dB	40-15,000 Hz	55 dB	0.13%	5 13/16	4 3/16 x 1 13/16	7 x 2	6 5/8"	$130	$99.95
Sony XR-2300	4 x 2	7.5 x 2	13 dBf	16.3 dBf	35 dB	40-15,000 Hz	55 dB	0.13%	5 13/16	4 3/16 x 1 13/16	7 1/8 x 2	6 1/4"	$175	$129.95
Sony XR-2600	10 x 2	22 x 2	13 dBf	16.3 dBf	35 dB	40-15,000 Hz	55 dB	0.13%	5 13/16	4 3/16 x 1 13/16	7 1/8 x 2	6 1/4"	$220	$159.95
Sony XR-4400	10 x 4	20 x 4	12 dBf	16.3 dBf	35 dB	30-16,000 Hz	58 dB	0.13%	–	7 5/16 x 2 1/4	7 3/16 x 2 1/16	6 3/4"	$300	$229.95
Sony XR-5600	10 x 4	20 x 4	12 dBf	16.3 dBf	35 dB	30-16,000 Hz	66 dB	0.13%	–	7 5/16 x 2 1/4	7 3/16 x 2 1/16	6 3/4"	$340	$269.95
Sony XR-U110	9 x 4	25 x 4	13 dBf	16.3 dBf	35 dB	30-15,000 Hz	55 dB	0.15%	–	7 5/16 x 2 1/4	7 3/16 x 2 1/8	6 5/8"	$340	$269.95
Sony XR-U220	10 x 4	20 x 4	12 dBf	16.3 dBf	35 dB	30-18,000 Hz	55 dB	0.13%	–	7 5/16 x 2 1/4	7 3/16 x 2 1/8	6 1/8"	$400	$299.95
Sony XR-U330	10 x 4	20 x 4	12 dBf	16.3 dBf	35 dB	30-18,000 Hz	66 dB	0.13%	–	7 5/16 x 2 1/4	7 3/16 x 2 1/8	6 1/8"	$450	$349.95
Sony XR-U660	10 x 4	20 x 4	12 dBf	16.3 dBf	35 dB	30-18,000 Hz	76 dB	0.09%	–	7 5/16 x 2 1/4	7 3/16 x 2 1/8	6 1/8"	$530	$429.95
Sony XR-U770	–	–	8 dBf	16.3 dBf	35 dB	30-20,000 Hz	76 dB	0.09%	–	7 5/16 x 2 1/4	7 3/16 x 2 1/8	6"	$750	$599.95

In-Dash CD Receivers	RMS Power (watts)	Peak Power (watts)	FM Mono Sensitivity	FM Mono 50dB Quieting Sensitivity	FM Stereo Separation at 1 kHz	CD Frequency Response	CD Signal-to-Noise Ratio	CD Dynamic Range	Over Sampling	Digital-to-Analog Conversion	Nosepiece Dimension (inches) (W x H)	Chassis Dimension (Inches) (W x H)	Install Depth	List Price	Your Price
Blaupunkt Laguna	15 x 2	25 x 2	19 dBf	25 dBf	30 dB	10-20,000 Hz	90 dB	90 dB	8X	1-bit	7 7/16 x2 3/8	7 3/16 x 2 1/8	6 3/8"	$380	$299.95
Blaupunkt Ventura	10 x 4	20 x 4	12 dBf	16.3 dBf	35 dB	10-20,000 Hz	90 dB	90 dB	8X	1-bit	7 7/16 x 2 3/8	7 3/16 x 2 1/8	6 1/2"	$480	$399.95
Blaupunkt Monterey	10 x 4	20 x 4	12 dBf	16.3 dBf	35 dB	10-20,000 Hz	90 dB	90 dB	8X	1-bit	7 7/16 x 2 3/8	7 3/16 x 2 1/8	6 1/2"	$580	$499.95
Clarion 5632CD	12 x 2	20 x 2	12 dBf	17 dBf	35 dB	5-20,000 Hz	93 dB	93 dB	8X	1-bit	7 5/16 x 2 1/4	7 3/16 x 2 1/16	6 7/8"	$360	$279.95
Clarion 5671CD	12 x 2	20 x 2	12 dBf	17 dBf	35 dB	5-20,000 Hz	93 dB	93 dB	8X	1-bit	7 1/2 x 2 3/8	7 3/16 x 2 1/4	6 7/8"	$450	$349.95
Clarion 5780CD	14 x 2	30 x 4	12 dBf	15 dBf	35 dB	5-20,000 Hz	100 dB	93 dB	8X	1-bit	7 3/16 x 2 1/4	7 3/16 x 2 1/16	6 7/8"	$530	$449.95
Jensen CD9540	15 x 2	25 x 2	12 dBf	16 dBf	35 dB	20-20,000 Hz	90 dB	90 dB	4X	16-bit	7 3/16 x 2 5/16	7 3/16 x 2 3/16	6 5/8"	$500	$369.95
JVC XL-G3900	8 x 4	22 x 4	12 dBf	16.3 dBf	35 dB	5-20,000 Hz	95 dB	93 dB	8X	1-bit	7 1/2 x 2 5/16	7 3/16 x 2 1/8	6 5/8"	$480	$399.95
JVC KD-GT7	12 x 4	25 x 4	12 dBf	16.3 dBf	35 dB	5-20,000 Hz	98 dB	95 dB	8X	1-bit	7 3/16 x 2 5/16	7 3/16 x 2	6 3/4"	$800	$699.96
Kenwood KDC-5000	15 x 2	25 x 2	12 dBf	15.2 dBf	40 dB	10-20,000 Hz	93 dB	96 dB	8X	1-bit	7 7/16 x 2 5/16	7 3/16 x 2 1/16	6 3/4"	$400	$349.95
Kenwood KDC-7000	15 x 2	25 x 2	12 dBf	15.2 dBf	40 dB	10-20,000 Hz	93 dB	96 dB	8X	1-bit	7 7/16 x2 5/16	7 3/16 x 2 1/16	6 7/8"	$520	$449.95
Kenwood KDC-9000	–	–	12 dBf	15.2 dBf	40 dB	5-20,000 Hz	96 dB	96 dB	8X	1-bit	7 7/16 x 2 5/16	7 3/16 x 2 1/16	7"	$600	$549.95
Pioneer DEH-730	10 x 2	25 x 2	11 dBf	16 dBf	40 dB	5-20,000 Hz	94 dB	90 dB	8X	1-bit	7 7/16 x 2 5/16	7 3/16 x 2 1/8	6 1/2"	$544	$359.95
Pioneer DEH-780	14 x 2	30 x 2	11 dBf	16 dBf	40 dB	5-20,000 Hz	94 dB	90 dB	8X	1-bit	7 7/16 x 2 5/16	7 3/16 x 2 1/8	6 1/8"	$640	$449.95
Pioneer DEH-880	14 x 4	30 x 4	8 dBf	13 dBf	40 dB	5-20,000 Hz	94 dB	90 dB	8X	1-bit	7 7/16 x 2 5/16	7 3/16 x 2 1/8	6 1/8"	$772	$529.95
Pioneer DEH-M980	14 x 4	30 x 4	8 dBf	13 dBf	40 dB	5-20,000 Hz	94 dB	90 dB	8X	1-bit	7 7/16 x 2 5/16	7 3/16 x 2 1/8	6 1/8"	$868	$599.95
Pioneer DEH-M990	14 x 4	30 x 4	8 dBf	13 dBf	40 dB	5-20,000 Hz	94 dB	90 dB	8X	1-bit	7 7/16 x 2 5/16	7 3/16 x 2 1/8	6 3/8"	$1,144	$799.95
Sanyo ECD-8580	9.5 x 2	25 x 2	12 dBf	14 dBf	35 dB	5-20,000 Hz	95 dB	95 dB	8X	1-bit	7 7/16 x 2 5/16	7 3/16 x 2 3/16	6 5/8"	$350	$279.95
Sony CDX-5060	3.5 x 4	8 x 4	12 dBf	16.3 dBf	35 dB	10-20,000 Hz	90 dB	90 dB	8X	1-bit	7 5/16 x 2 1/4	7 3/16 x 2 1/8	6 1/2"	$420	$329.95
Sony CDX-5260	10 x 4	20 x 4	12 dBf	16.3 dBf	35 dB	10-20,000 Hz	90 dB	90 dB	8X	1-bit	7 5/16 x 2 1/4	7 3/16 x 2 1/8	6 1/2"	$480	$379.95
Sony CDX-5460	10 x 4	20 x 4	12 dBf	16.3 dBf	35 dB	10-20,000 Hz	90 dB	90 dB	8X	1-bit	7 5/16 x 2 1/4	7 3/16 x 2 1/8	6 1/2"	$530	$429.95
Sony CDX-U6260	10 x 4	20 x 4	12 dBf	16.3 dBf	35 dB	10-20,000 Hz	90 dB	90 dB	8X	1-bit	7 5/16 x 2 1/4	7 3/16 x 2 1/8	6 1/2"	$620	$499.95

Sony EXR-10

We never expected to see a Sony receiver with these features at this price. When the EXR-10's auto-reverse tape mechanism finishes playing one side of a cassette, it automatically begins playing the other side. You don't have to take your eyes off the road or your hands off the wheel. You can also change sides whenever you want with just one touch. The quartz-locked tuner lets you store 12 FM and 6 AM stations in one-touch memory presets, so you don't have to go looking for your favorite stations every time. You can drive 4 speakers and balance them with the front/rear fader.

Item #158EXR10 List Price: $130

YOUR PRICE: $99.95

Size S | Depth 6⅝" **Features:** Quartz synthesis seek tuning, 12 FM & 6 AM presets, auto-reverse, locking Fast Forward and Rewind, 4 speaker outputs with fader (type #1), clock. **Specifications:** 4 watts RMS/7.5 watts peak x 2 channels, Tape Frequency Response (±3dB) 40-15,000 Hz, Tape Signal-to-Noise 55 dB, FM Sensitivity 13 dBf. Warranty: 1 year. **Installation Data:** Size code "S" (for your car, please see pages 28-35). Chassis dimensions 7⅛"W x 2"H.

Clarion S5200

The ultra-sensitive FM tuner in Clarion's S5200 pulls in distant stations cleanly (check the sensitivity spec). The advanced tuner circuitry constantly adjusts to signal conditions with automatic local/distant sensitivity adjustment and automatic stereo/mono blend. You'll always hear the cleanest FM possible. The backlit preset buttons make it easy to find your favorite station in the dark. A reliable auto-reverse tape deck lets you listen to both sides of a cassette without touching the controls. And automatic Dual Azimuth Adjust keeps the playback head properly aligned, so your tapes sound equally fine in both directions.

Item #020S5200 List Price: $150

YOUR PRICE: $99.95

Size U | Depth 6⅝" **Features:** Quartz synthesis seek tuning, 12 FM & 6 AM presets with Preset Scan, automatic mono/stereo and local/distant switching, auto-reverse with Dual Azimuth Adjust, locking Fast Forward and Rewind, 4 speaker outputs with fader (type #1), clock, night illumination. **Specifications:** 3.2 watts RMS/6 watts peak x 2 channels, Tape Frequency Response (±3dB) 30-14,000 Hz, Tape Signal-to-Noise 53 dB, FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "U" (for your car, please see pages 28-35). Chassis dimensions 7"W x 2"H.

Sanyo MAR-1000 • MAR-1080

If you're into station hopping, Sanyo's IntelliTuner circuitry offers improved sensitivity, along with a bank of 18 station presets. And you can quickly hear a sample of what's on your preset stations by touching Preset Scan. Six travel presets automatically memorize the strongest signals as you cruise along the highway. The tape deck features auto reverse.

Item #140MAR1000 List Price: $180 (pictured)

YOUR PRICE: $99.95

*The **MAR-1080** adds BASS-XPANDER to boost low-frequency output, and separate bass and treble controls.*

Item #140MAR1080 List Price: $220

YOUR PRICE: $119.95

Size U | Depth 6⅜" **Features:** Quartz synthesis IntelliTuner, 12 FM & 6 AM presets with Preset Scan, 6-station Auto Travel Preset, local/distant switch, auto-reverse, locking Fast Forward and Rewind, auto loudness, 4 speaker outputs with fader (type #1), clock, night illumination. MAR-1080 replaces auto loudness with BASS-XPANDER switch and adds separate bass and treble. **Specifications:** 3 watts RMS/8 watts peak x 2 channels, Tape Frequency Response 50-14,000 Hz, Tape Signal-to-Noise 52 dB, FM Sensitivity 17 dBf. Warranty: 1 year. **Installation Data:** Size code "U" (for your car, please see pages 28-35). Chassis dimensions: 6⅜"W x 2"H.

JVC KS-R140 • KS-R160

At low volume, the KS-R140's auto loudness circuit boosts bass output for richer sound. At medium volume or higher, this effect fades out and you can use the bass and treble controls for fine-tuning. Insert a cassette into the smooth auto-reverse deck and forget it until both sides are done. The quartz-locked tuner has 20 presets, and Preset Scan to give you a brief sample of what's playing on each station.

Item #105KSR140 List Price: $170

YOUR PRICE: $129.95

*The **KS-R160** adds Dolby B noise reduction, Music Search to find the beginning of each song on a cassette, preamp outputs, and switchable illumination.*

Item #105KSR160 List Price: $200 (pictured)

NEW LOW PRICE: $149.95

Size S | Depth 6¾" **Features:** Quartz synthesis seek tuning, 15 FM & 5 AM presets with Preset Scan, auto-reverse, separate bass and treble, auto loudness, 4 speaker outputs with fader (type #1), clock, night illumination. KS-R160 adds Dolby B noise reduction & Music Scan tape search, RCA preamp outputs, and switchable amber/green illumination. **Specifications:** 3 watts RMS/8 watts peak x 2 channels, Tape Frequency Response (±3dB) 50-14,000 Hz, Tape Signal-to-Noise 52 dB, FM Sensitivity 15.3 dBf. Warranty: 1 year. **Installation Data:** Size code "S" (for your car, please see pages 28-35). Chassis dimensions 7"W x 2"H.

Sony XR-2300 • XR-2600

Before you settle for some no-name car stereo, look at Sony's sleek XR-2300. The tuner includes Sony Super Interference Rejection circuitry for really clean FM reception. You get 20 preset stations and Preset Scan, which automatically samples a few seconds of what's playing on each preset station. You also get a reliable auto-reverse cassette deck, separate bass and treble controls, front/rear fader, and loudness switch.

Item #158XR2300 List Price: $175

YOUR PRICE: $129.95

The XR-2600's built-in high power provides even better sound. Also adds preamp outputs, but loses Preset Scan.

Item #158XR2600 List Price: $220 (pictured)

SALE: $159.95

Size S | Depth 6¼"

Features: Quartz synthesis seek tuning, 12 FM & 6 AM presets with Preset Scan, auto-reverse, separate bass and treble, loudness, 4 speaker outputs with fader (type #1), clock. XR-2600 adds high power and preamp outputs, but loses Preset Scan. **Specifications:** 4 watts RMS/7.5 watts peak x 2 channels (XR-2600 has 10 watts RMS/22 watts peak), Tape Frequency Response (±3dB) 30-15,000 Hz, Tape Signal-to-Noise 55 dB, FM Sensitivity 13 dBf. Warranty: 1 year. **Installation Data:** Size code "S" (for your car, please see pages 28-35). Chassis dimensions 7⅛"W x 2"H.

Sanyo MAR-2000 • MAR-1980

Besides being our most affordable DIN-style receiver, the MAR-2000 has some really slick features. Hit the BASS-XPANDER button and discover those bass notes that are usually drowned out by wind and road noise. You also get an auto-reverse cassette section, and a full-featured tuner with Sanyo's signal-locking IntelliTuner circuitry. Controls include separate bass and treble and a front/rear fader.

Item #140MAR2000 List Price: $250 (pictured)

YOUR PRICE: $129.95 *Supplies limited*

The MAR-1980's built-in high power provides triple the output and much better sound for just $20 more.

Item #140MAR1980 List Price: $270

YOUR PRICE: $149.95

Size I&E | Depth 6⅜"

Features: Quartz synthesis IntelliTuner, 12 FM & 6 AM presets with Preset Scan, 6-station Auto Travel Presets, local/distant switch, auto-reverse, separate bass and treble, BASS-XPANDER bass boost, 4 speaker outputs with fader (type #4), RCA preamp outputs, clock. MAR-1980 adds high power. **Specifications:** 3 watts RMS/6 watts peak x 2 channels (MAR-1980 has 9.5 watts RMS/25 watts peak), Tape Frequency Response 50-14,000 Hz, Tape Signal-to-Noise 52 dB, FM Sensitivity 17 dBf. Warranty: 1 year. **Installation Data:** Size code "I&E" (for your car, please see pages 28-35). Chassis dimensions 7⅛"W x 2 1/16"H.

Clarion 8404RT

Drivers who rely on the radio for the music and information they need every day can always count on Clarion for first-rate tuner performance. Along with station-grabbing sensitivity, the 8404RT has 18 memory presets and handy Preset Scan. Clarion included auto-reverse for long-distance cassette listening, plus switchable tape EQ for optimum sound with a variety of different tape formulations. The 8404RT includes RCA preamp outputs for connecting a separate power amplifier. The front/rear fader controls the built-in four-speaker output, but it can control the output of an external amplifier simultaneously. Separate bass and treble controls lets you tailor the tone setting

Item #0208404RT List Price: $170

YOUR PRICE: $139.95

Size U | Depth 6½"

Features: Quartz synthesis seek tuning, 12 FM & 6 AM presets with Preset Scan, auto-reverse, tape EQ, separate bass and treble, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock, night illumination. **Specifications:** 3.2 watts RMS/8 watts peak x 2 channels, Tape Frequency Response (±3dB) 40-16,000 Hz, Tape Signal-to-Noise 56 dB, FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "U" (for your car, please see pages 28-35). Chassis dimensions 7"W x 2"H.

Sanyo MAR-1280

With Sanyo's MAR-1280, you'll enjoy your cassette collection more than ever. It offers auto-reverse for uninterrupted playback, Dolby B noise reduction and Music Search. Also remarkable for this price range is key-off pinchroller release, which protects your tape if you forget to eject it. Whenever a tape is rewinding or fast-forwarding, Automatic Radio Access switches to radio mode for continuous music. The tuner includes 18 station presets plus Preset Scan, which lets you preview what's playing on your preset stations. Built-in high power makes everything sound cleaner. RCA preamp outputs are provided for connecting an outboard amplifier.

Item #140MAR1280 List Price: $250

YOUR PRICE: $149.95

Size U | Depth 6½"

Features: High power, quartz synthesis IntelliTuner, 12 FM & 6 AM presets with Preset Scan, 6-station Auto Travel Presets, local/distant switch, auto-reverse, Dolby B, AMSS Music Search, Automatic Radio Access, key-off pinchroller release, separate bass and treble, BASS-XPANDER bass boost, 4 speaker outputs with fader (type #4), RCA preamp outputs, clock, night illumination. **Specifications:** 9.5 watts RMS/25 watts peak x 2 channels, Tape Frequency Response 50-14,000 Hz, Tape Signal-to-Noise 62 dB (Dolby B), FM Sensitivity 17 dBf. Warranty: 1 year. **Installation Data:** Size code "U" (for your car, please see pages 28-35). Chassis dimensions 6⅝"W x 2"H.

Jensen CS-5000

Jensen's CS-5000 really gives you a lot of power for a little money: 15 watts per channel of continuous power, with up to 25 watts per channel on musical peaks. It also offers auto-reverse for uninterrupted cassette playback. Tuner conveniences include 18 FM and 6 AM station presets plus handy Preset Scan. And 6 more "travel presets" memorize the 6 strongest stations when you're traveling through an unfamiliar area. The display is backlit for superior viewing in direct sunlight. Finally, if you ever want to add an amplifier, RCA preamp outputs are provided.

Item #110CS5000 List Price: $230

YOUR PRICE: ~~$159.95~~ $149.95

Size E | Depth 6¼"

Features: High power, 18 FM & 6 AM presets with Preset Scan, 6-station Auto Store travel presets, local/distant switch, auto-reverse, separate bass and treble, 4 speaker outputs with fader (type #4), RCA preamp outputs, clock, night illumination. **Specifications:** 15 watts RMS/25 watts peak x 2 channels, Tape Frequency Response 40-14,000 Hz, Tape Signal-to-Noise 55 dB, FM Sensitivity 18 dBf. Warranty: 1 year. **Installation Data:** Size code "E" (for your car, please see pages 28-35). Chassis dimensions 7³⁄₁₆"W x 2⅛"H.

JVC KS-R470

Like the rest of JVC's latest line, the affordable KS-R470 boasts an intriguingly different look. Its user-friendly front panel has buttons you can find and reach, night or day. The auto-reverse cassette mechanism is JVC's tried and true U-Turn design. It takes good care of your tapes and lets you concentrate on your driving. The radio includes 20 station presets and Preset Scan, which lets you hear a sample from each of the preset stations. JVC's Active Hyper-Bass provides optimum bass boost at any volume level, for rich, full sound, even from small speakers.

Item #105KSR470 List Price: $200

YOUR PRICE: $159.95

Size I&E | Depth 6⅜"

Features: Quartz synthesis seek tuning, 15 FM & 5 AM presets with Preset Scan, auto-reverse, separate bass and treble, Active Hyper-Bass, stereo/mono switch, 4 speaker outputs with fader (type #1), clock, night illumination. **Specifications:** 3 watts RMS/8 watts peak x 2 channels, Tape Frequency Response (±3dB) 50-13,000 Hz, Tape Signal-to-Noise 52 dB, FM Sensitivity 17.2 dBf. Warranty: 1 year. **Installation Data:** Size code "I&E" (for your car, please see pages 28-35). Chassis dimensions 7³⁄₁₆"W x 2¹⁄₁₆"H.

JVC KS-RX175

The JVC KS-RX175 has 4-channel power to tame the noisy car environment, with 3 watts per channel for the front and 8 watts per channel for the back. An auto loudness circuit beefs up the bass output at low listening levels, while separate bass and treble controls fine-tune the sound at any level. JVC's U-Turn auto-reverse transport offers plenty of performance and convenience, with Dolby B to quiet tape hiss and Music Scan to locate songs almost instantly. The quartz synthesis tuner provides drift-free accuracy and 20 memory presets. You can add an amp in the future and still have front-to-back fading.

Item #105KSRX175 List Price: $250

NEW LOW PRICE: $179.95

Size U | Depth 5⅞"

Features: High power, seek tuning, 15 FM & 5 AM presets with Preset Scan, auto-reverse, Dolby B, Music Scan, tape EQ, separate bass and treble, auto loudness, stereo/mono switch, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock, switchable amber/green illumination. **Specifications:** 8 watts RMS/22 watts peak x 2 channels (rear), 3 watts RMS/8 watts peak x 2 channels (front), Tape Frequency Response (±3dB) 50-16,000 Hz, Tape Signal-to-Noise 60 dB (Dolby B), FM Sensitivity 16.3 dBf. Warranty: 1 year. **Installation Data:** Size code "U" (for your car, please see pages 28-35). Chassis dim 7"W x 2"H.

Sherwood XR-4127A

When it comes to features per dollar, it's tough to beat Sherwood. Their XR-4127A is one of our most affordable receivers to combine high power with so many tape extras: auto-reverse, a Metal/Normal tape EQ button, and convenient Music Search. The feature-packed tuner lets you store a whopping 30 stations (18 FM & 12 AM) in the memory presets. Hear a brief sample of each one by touching Preset Scan. Auto loudness adds ear-pleasing bass boost at low volume levels, but you'll probably do more listening at higher volume because the built-in amp pumps out 14 watts per channel!

Item #150XR4127A List Price: $230

YOUR PRICE: $159.95

Size S | Depth 5⅞"

Features: High power, quartz synthesis seek tuning, 18 FM & 12 AM presets with Preset Scan, Auto Memory Store travel presets, local/distant switch, auto-reverse, MSS tape search, tape EQ, separate bass and treble, auto loudness, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock, night illumination. **Specifications:** 14 watts RMS/20 watts peak x 2 channels, Tape Frequency Response (±3dB) 30-18,000 Hz, Tape Signal-to-Noise 55 dB, FM Sensitivity 12.4 dBf. Warranty: 1 year. **Installation Data:** Size code "S" (for your car, please see pages 28-35). Chassis dimensions 7"W x 2"H.

FREE INSTALLATION KIT FOR YOUR CAR!

Kenwood KRC-1005 • KRC-2005

These two models are helping to keep quality sound alive for the traditional "3-hole style" receiver. Kenwood's engineers left out the bells and whistles and concentrated on the basics. The KRC-1005 has auto-reverse, one of the best tuners in its price range, and a set of preamp outputs with a speaker/preamp fader so you can upgrade performance any time by adding an amplifier.

Item #113KRC1005 List Price: $190 (pictured)
NEW LOW PRICE: $129.95

*The **KRC-2005** is the high-powered version, delivering 15 watts per channel of clean, continuous power.*

Item #113KRC2005 List Price: $210
YOUR PRICE: $179.95

Size U | Depth 6¾"

Features: 12 FM & 6 AM presets, seek tuning (up), auto-reverse, Tuner Call, separate bass and treble, loudness, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock, night illumination. KRC-2005 adds high power. **Specifications:** 4 watts RMS/8 watts peak x 2 channels (KRC-2005 has 15 watts RMS/25 watts peak), Tape Frequency Response (±3dB) 30-14,000 Hz, Tape Signal-to-Noise 54 dB, FM Sensitivity 13.2 dBf. Warranty: 1 year. **Installation Data:** Size code "U" (for your car, please see pages 28-35). Chassis dimensions 7 1/16"W x 2"H; KRC-2005 depth is 6¼".

Pioneer KE-1700QR • KEH-2200QR

You shouldn't have to spend big bucks to enjoy the peace of mind of a theft-preventing pull-out receiver. The KE-1700QR has Pioneer's famous Supertuner FM circuitry, with 24 presets for your favorite stations, plus Preset Scan. Along with 4 speaker outputs, this receiver gives you RCA preamp outputs to simplify adding an amp, and a flexible type #5 fader that balances both speaker and preamp outputs. Optional Case Logic carry bag #227CSC1, $19.

Item #130KE1700 List Price: $274
YOUR PRICE: $179.95

*The **KEH-2200QR** adds higher power (10 watts/channel RMS), and loudness, but has a less flexible type #4 fader.*

Item #130KEH2200 List Price: $304 (pictured)
YOUR PRICE: $199.95

Size E | Depth 6⅛"

Features: Removable chassis, quartz synthesis Supertuner, 18 FM & 6 AM presets with Preset Scan, Best Stations Memory travel presets, auto-reverse, separate bass and treble, 4 speaker outputs with fader (type #5), RCA preamp outputs, night illumination. KEH-2200QR adds high power, loudness, and type #4 fader. **Specifications:** 3.2 watts RMS/8.5 watts peak x 2 channels (KEH-2200QR has 10 watts RMS/25 watts peak), Tape Frequency Response (± 3dB) 50-14,000 Hz (40-14,000 Hz for KEH-2200QR), Tape Signal-to-Noise 52 dB, FM Sensitivity 11 dBf. Warranty: 1 year. **Installation Data:** Size code "E" (for your car, please see pages 28-35). Chassis dimensions 7¼"W x 2⅛"H; KEH-2200QR depth is 6".

Pioneer KEH-4949 • KEH-6969

If you're ready to move up to cleaner, more powerful car audio sound, these Pioneers are for you. Both have enough built-in power to drive 4 speakers, and auto loudness and separate bass & treble are included to punch things up even more. Whichever music source you choose, you'll get great sound thanks to Supertuner FM and an auto-reverse cassette player.

Item #130KEH4949 List Price: $282
YOUR PRICE: $189.95

*For $40 more, the **KEH-6969** offers better tape and tuner performance with Dolby B, Music Search, and switchable tape EQ, plus more advanced Supertuner III circuitry.*

Item #130KEH6969 List Price: $346 (pictured)
YOUR PRICE: $229.95

Size S | Depth 6¼"

Features: High power, quartz synthesis Supertuner, 18 FM & 6 AM presets with Preset Scan, Best Stations Memory travel presets, auto-reverse, separate bass and treble, auto loudness, 4 speaker outputs with fader (type #4), RCA preamp outputs, clock, night illumination. KEH-6969 adds Dolby B, Music Search, switchable tape EQ, and Supertuner III. **Specifications:** 10 watts RMS/25 watts peak x 2 channels, Tape Frequency Response (±3dB) 40-14,000 Hz (40-17,000 Hz for KEH-6969), Tape Signal-to-Noise 52 dB (63 dB for KEH-6969), FM Sensitivity 11 dBf. Warranty: 1 year. **Installation Data:** Size code "S" (for your car, please see pages 28-35). Chassis dimensions 7 1/16"W x 2"H.

Clarion 9702RT

If your favorite station keeps slipping away from your present radio, it's time you experienced the station-holding magic of Clarion's patented Magi-Tune system. It constantly monitors and fine-tunes every element of reception for crisp, clean sound. The 9702RT also has the tape features you need in a car: auto-reverse for continuous play, Dolby B to cut out tape hiss, and APC tape search to locate songs in seconds. Whenever a cassette is fast-winding, the source automatically switches to the radio to keep the music flowing. The 9702RT's high-powered amp overcomes wind and road noise.

Item #0209702RT List Price: $220
YOUR PRICE: $199.95

Size U | Depth 6⅝"

Features: High power, quartz synthesis Magi-Tune seek tuning, 12 FM & 6 AM presets with Preset Scan, auto-reverse with Dual Azimuth Adjust, Dolby B, APC tape search, tape EQ, separate bass and treble, auto loudness, 4 speaker outputs with fader (type #5), RCA preamp outputs, automatic radio/tape switching, clock, night illumination. **Specifications:** 12 watts RMS/27 watts peak x 2 channels, Tape Frequency Response (± 3dB) 30-18,000 Hz, Tape Signal-to-Noise 66 dB (Dolby B), FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "U" (for your car, please see pages 28-35). Chassis dimensions 7"W x 2"H.

JVC KS-RT30 • KS-RT50

JVC's affordable KS-RT30 offers convenient detachable face security. Remove the control face and only the LCD panel is left behind! It also features an auto-reverse tape section, and a tuner with 20 presets and Preset Scan. Active Hyper-Bass is a bass boost circuit that creates optimized bass response according to the volume level, without adding distortion. You can power 4 speakers and balance them front to rear.

Item #105KSRT30 List Price: $250

YOUR PRICE: $199.95

The KS-RT50 offers a more sensitive tuner, Dolby B, high power, preamp outputs and a type #5 fader.

Item #105KSRT50 List Price: $280 (pictured)

YOUR PRICE: $229.95

Size E | Depth 6 3/8"

Features: Partial detachable face with carry case, 15 FM & 5 AM presets with Preset Scan, seek and scan modes, auto-reverse, separate bass and treble, Active Hyper-Bass, 4 speaker outputs with fader (type #1), clock, night illumination. KS-RT50 adds high power, a more sensitive tuner, Dolby B, and preamp outputs with fader type #5. **Specifications:** 3 watts RMS/8 watts peak x 2 channels (KS-RT50 has 12 watts rear/3 watts front RMS), Tape Frequency Response (±3dB) 50-14,000 Hz (50-15,000 Hz for KS-RT50), Tape Signal-to-Noise 52 dB (60 dB for KS-RT50), FM Sensitivity 15.3 dBf (13.5 dBf for KS-RT50). Warranty: 1 year. **Installation Data:** Size code "E" (for your car, please see pages 28-35). Chassis dimensions 7 9/16"W x 2 1/8"H.

Kenwood KRC-160

Compared to the model it replaced, Kenwood's KRC-160 adds six more station presets, and RCA preamp outputs for adding an amp. And best of all, it's still priced under $200. This receiver has one of the best tuner sections in this price range, with specs that will stack up against anyone's. You can program up to 24 of your favorite stations in the preset memories. And the auto-reverse cassette section is super-smooth: another Kenwood trademark. The KRC-160 will drive your system with 15 ultra-clean watts per channel, 4 speaker outputs, and a front/rear fader that lets you balance the power precisely.

Item #113KRC160 List Price: $230

YOUR PRICE: $199.95

Size I&E | Depth 6"

Features: High power, 18 FM & 6 AM presets, Automatic Memory Entry travel presets, auto-reverse, Tuner Call, separate bass and treble, loudness, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock. **Specifications:** 15 watts RMS/25 watts peak x 2 channels, Tape Frequency Response (±3dB) 30-14,000 Hz, Tape Signal-to-Noise 54 dB, FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "I&E" (for your car, please see pages 28-35). Chassis dimensions 7 9/16"W x 2 1/16"H.

Clarion 9773RT

Special Purchase!

With the removable-chassis 9773RT, you can take your own personal bite out of crime. At our Special Purchase price, it's virtually impossible to find a pull-out receiver that's this long on power, features and performance. Clarion's Magi-Tune system constantly monitors the factors affecting FM quality and responds accordingly. You can store up to 24 of your favorite stations, then press Preset Scan and hear a brief sample of each one. The 9773RT has the features tape lovers want, too: auto-reverse, Dolby B noise reduction, tape EQ, and convenient music search. *Supplies limited.*

Item #0209773RT List Price: $320

SPECIAL PURCHASE PRICE: $199.95

Size E | Depth 6 7/8"

Features: Removable chassis, high power, 18 FM & 6 AM presets with Preset Scan, auto-reverse, Dolby B, tape music search, tape EQ, separate bass and treble, loudness, 4 speaker outputs with bi-level fader (type #5/#2), 2 sets of RCA preamp outputs, switchable amber/green illumination. **Specifications:** 12 watts RMS x 2/20 watts peak x 4 channels, Tape Frequency Response (±3dB) 30-18,000 Hz, Tape Signal-to-Noise 66 dB (Dolby B), FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "E" (for your car, please see pages 28-35). Chassis dimensions 7 9/16"W x 2 1/16"H.

Blaupunkt Cancun

Blaupunkt's latest line of receivers has something for everyone. The entry-level Cancun is one of our most affordable models with an anti-theft partial detachable face. Only the LCD stays behind when you remove the face. Blaupunkt's clean, distinctively European styling sets the Cancun apart as definitely more than just another "me-too" receiver. Notice that the volume and tuning buttons are big and easy to get to. Switch on the radio and experience Blaupunkt's world-famous tuner technology. When it's time for a tape, the Cancun delivers again with smooth auto-reverse operation. The powerful built-in amplifier pumps out 10 watts per channel of continuous power. Preamp outputs make it easy to add an amp.

Item #023CANCUN List Price: $250

YOUR PRICE: $199.95

Size E | Depth 6 3/8"

Features: Partial detachable face, high power, quartz synthesis seek tuning, 12 FM & 6 AM presets, auto-reverse, separate bass and treble, loudness, 4 speaker outputs with fader (type #5), RCA preamp outputs, input jack for portable player, night illumination. **Specifications:** 15 watts RMS/25 watts peak x 2 channels (rear) plus 4 watts RMS/7watts peak x 2 channels (front), Tape Frequency Response (±3dB) 40-14,000 Hz, Tape Signal-to-Noise 55 dB, FM Sensitivity 19 dBf. Warranty: 1 year. **Installation Data:** Size code "E" (for your car, please see pages 28-35). Chassis dimensions: 7 9/16"W x 2 1/8"H.

FREE INSTALLATION KIT FOR YOUR CAR!

Sony XR-4400 • XR-5600

Anti-theft detachable face and 4-channel high power are only the beginning of the XR-4400's great features. There's auto-reverse for your tapes, plus a signal-grabbing tuner with 30 station presets and Preset Scan. The built-in amp delivers a potent 10 watts RMS to all four channels. A fader controls the 4 speaker outputs as well as the set of preamp outputs.

Item #158XR4400 List Price: $300 (pictured)
YOUR PRICE: $229.95

*The **XR-5600** adds the most important cassette features: Dolby B, switchable tape EQ, and Music Search.*

Item #158XR5600 List Price: $340
YOUR PRICE: $269.95

Size I&E | Depth 6¾"

Features: Full detachable face with carry case, 4-channel high power, seek tuning, 18 FM & 12 AM presets with Preset Scan, auto-reverse, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock, night illumination. XR-5600 adds Dolby B, tape EQ and Music Search. **Specs:** 10 watts RMS/20 watts peak x 4 channels, Tape Freq. Response (±3dB) 30-16,000 Hz, Tape S/N 55 dB (66 dB for XR-5600), FM Sens. 12 dBf. Warranty: 1 year. **Installation Data:** Size code "I&E" (for your car, please see pages 28-35). Chassis dimensions: 7 3/16"W x 2 1/16"H.

Kenwood KRC-3005

We know there are a lot of older cars out there with dashboards that just won't take the newer DIN-style receivers. So we're glad companies like Kenwood are still building high-performance "shafted" models like the 15-watt-per-channel KRC-3005. For starters, the tuner is outstanding: Kenwood's Automatic Noise Reduction Circuit delivers more music and less static and noise. Tuner Call automatically switches the source to radio whenever the tape is fast-winding. And the KRC-3005 brings tapes alive with auto-reverse, Dolby B, tape EQ and Tape Advance music search.

Item #113KRC3005 List Price: $280
NEW LOW PRICE: $229.95

Size U | Depth 6⅞"

Features: High power, 12 FM & 6 AM presets, seek tuning (up), auto-reverse, Dolby B, tape EQ, Tape Advance music search, Tuner Call, separate bass and treble, loudness, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock, night illumination. **Specifications:** 15 watts RMS/25 watts peak x 2 channels, Tape Frequency Response (±3dB) 30-16,000 Hz, Tape Signal-to-Noise 63 dB (Dolby B), FM Sensitivity 13.2 dBf. Warranty: 1 year. **Installation Data:** Size code "U" (for your car, please see pages 28-35). Chassis dimensions 7 1/16"W x 2"H.

Kenwood KRC-260 • KRC-360

The KRC-260 is Kenwood's most affordable model with an anti-theft partial detachable face. This design offers two advantages: It's less to carry with you when you park; and the small remaining section includes the popular traditional volume knob. You get very good tape and tuner performance, and a powerful built-in amp that will easily drive most 4-speaker systems. Preamp outputs let you add an amp now or later.

Item #113KRC260 List Price: $280
YOUR PRICE: $239.95

*The **KRC-360's** cassette upgrades include Dolby B for cleaner tape playback, and Tape Advance music search.*

Item #113KRC360 List Price: $310 (pictured)
YOUR PRICE: $279.95

Size I&E | Depth 6⅛"

Features: Partial detachable face with defeatable flashing LED and carry case, high power, 18 FM & 6 AM presets, auto-reverse, Tuner Call, separate bass and treble, loudness, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock. KRC-360 adds Dolby B and Tape Advance music search. **Specifications:** 15 watts RMS/25 watts peak x 2 channels, Tape Frequency Response (±3dB) 30-14,000 Hz, Tape Signal-to-Noise 54 dB (63 dB for KRC-360), FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "I&E" (for your car, please see pages 28-35). Chassis dimensions 7 3/16"W x 2 1/8"H.

Blaupunkt Memphis • Lexington

Blaupunkt's Memphis gives you full detachable face security and four channels of high power. Its High Definition tuner definitely lives up to the Blaupunkt legend. There's plenty of power to drive a 4-speaker system to satisfying levels. A set of preamp outputs makes adding an amplifier easy, now or later.

Item #023MEMPHIS List Price: $280
YOUR PRICE: $239.95

*The **Lexington** adds CD changer controls for Blaupunkt's 10-disc CDC-M5, plus tape music search.*

Item #023LEXINGT List Price: $320 (pictured)
YOUR PRICE: $269.95

Order the CDC-M5 CD Changer together with the Lexington and save an extra $50!

Size I&E | Depth 6⅝"

Features: Full detachable face with carry case, 4-channel high power, High Definition tuner, 18 FM & 6 AM presets with Preset Scan, auto-reverse, Cassette Noise Reduction, separate bass and treble, loudness, 4 speaker outputs with fader (type #5), RCA preamp outputs, input jack for portable player, clock, night illumination. Lexington adds CD changer control, tape music search, and a second set of preamp outputs with a bi-level fader (type #5/#2). **Specifications:** 10 watts RMS/20 watts peak x 4 channels, Tape Frequency Response (±3dB) 30-18,000 Hz, Tape Signal-to-Noise 55 dB, FM Sensitivity 13 dBf. Warranty: 1 year. **Installation Data:** Size code "I&E" (for your car, please see pages 28-35). Chassis dimensions 7 3/16"W x 2 1/8"H. Lexington depth is 6¾".

Clarion 9780RT

How Clarion manages to pack so many features into their cassette receivers and offer them at such low prices remains a mystery to us. Take a look at the new 9780RT and you'll see what we mean. You get a theft-fighting detachable faceplate, Magi-Tune radio with 18 FM and 6 AM presets, auto-reverse cassette deck, Dolby B noise reduction, tape EQ, music search, separate bass and treble controls, high power, front/rear fader that even works with the pre-amp outputs and switchable illumination. Now look at the price. Amazing, huh?

Item #0209780RT List Price: $300

YOUR PRICE: $269.95 *Available in February*

Size I&E | Depth 6½"

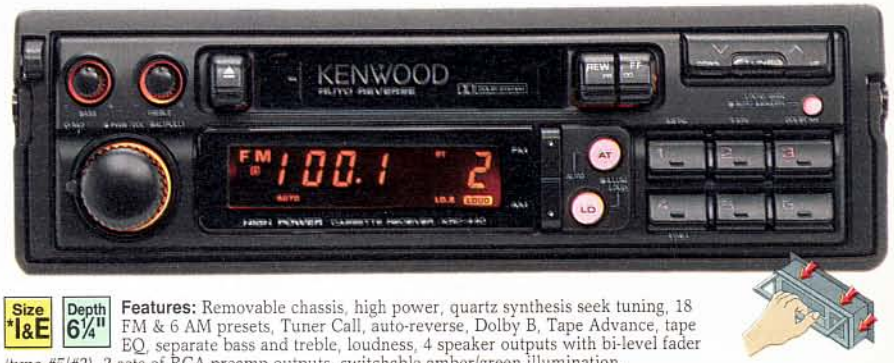
Features: Full detachable face, high power, 18 FM & 6 AM presets with Preset Scan, auto-reverse, Dolby B, APC tape music search, tape EQ, separate bass and treble, loudness, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock, switchable amber/green illumination. **Specifications:** 12 watts RMS/20 watts peak x 4 channels, Tape Frequency Response (±3dB) 30-18,000 Hz, Tape Signal-to-Noise 66 dB, FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "I&E" (for your car, please see pages 28-35). Chassis dimensions 7⅜"W x 2⅛"H.

Kenwood KRC-440

You'll never have to worry about your KRC-440 being stolen—just pull it out and take it with you! And when you see, feel, and hear how this unit performs, you'll definitely want to hang on to it for a long time. The tuner section uses an advanced FM noise reduction circuit to deal with problems like "picket fencing." On the cassette side, the KRC-440 offers auto-reverse, Dolby B noise reduction, tape EQ, and music search. The powerful built-in amp rates a clean 15 watts per channel, with 2-ohm low-impedance capability that produces tight, solid bass. Two sets of preamp outputs and a dual-action bi-level fader give you plenty of system expansion flexibility.

Item #113KRC440 List Price: $330

YOUR PRICE: $279.95



Size *I&E | Depth 6¼"

Features: Removable chassis, high power, quartz synthesis seek tuning, 18 FM & 6 AM presets, Tuner Call, auto-reverse, Dolby B, Tape Advance, separate EQ, separate bass and treble, loudness, 4 speaker outputs with bi-level fader (type #5/#2), 2 sets of RCA preamp outputs, switchable amber/green illumination. **Specifications:** 15 watts RMS/25 watts peak x 2 channels, Tape Frequency Response (±3dB) 30-16,000 Hz, Tape Signal-to-Noise 63 dB, FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "I&E" "*I" requires a Kenwood kit #113CK60A (for your car, please see pages 28-35). Chassis dimensions 7⅜"W x 2⅛"H.

Pioneer KEH-9898TR

Pioneer's KEH-9898TR is designed specifically for pickups and vans. These special features provide richer sound: Super Bass circuitry to boost low frequencies, Stereo Wide to expand the stereo image, and Front/Rear Blend Control to make your rear speakers sound like woofers. Of course, the basics are all here: Supertuner III for unbeatable FM in the city or country, high power to rise above wind and road noise, and Pioneer's proven durability. The auto-reverse tape section quiets hiss with Dolby B. The Radio Intercept feature automatically plays the radio while a cassette is fast-winding.

Item #130KEH9898 List Price: $424

YOUR PRICE: $279.95

Size U | Depth 6½"

Features: High power, quartz synthesis Supertuner III, 18 FM & 6 AM presets with Preset Scan, Radio Intercept, auto-reverse, Dolby B, Music Search, tape EQ, separate bass and treble, loudness, Super Bass, Stereo Wide, 4 speaker outputs with Front/Rear Blend Control, RCA preamp outputs, clock. **Specifications:** 10 watts RMS/25 watts peak x 2 channels, Tape Frequency Response (±3dB) 40-17,000 Hz, Tape Signal-to-Noise 63 dB (Dolby B), FM Sensitivity 11 dBf. Warranty: 1 year. **Installation Data:** Size code "U" (for your car, please see pages 28-35). Chassis dimensions 7⅛"W x 2"H.

Kenwood KRC-460

Kenwood's KRC-460 offers some exciting features. One we really like is the number of display options. You can choose not only the color (amber or green), but also positive LCD (lighted numbers on a dark background), or negative LCD (dark numbers on a light background). You'll always have a display that's readable, day or night, plus one that matches your instrument cluster. Other features include a partial detachable face to discourage would-be thieves, an auto-reverse tape section with Dolby B and music search, a station-locking AM/FM tuner with 24 presets, and high power. A bi-level fader (type #5/#2) gives you flexibility for system expansion.

Item #113KRC460 List Price: $360

YOUR PRICE: $319.95

Size I&E | Depth 6⅛"

Features: Partial detachable face with defeatable flashing LED and carry case, high power, 18 FM & 6 AM presets, auto-reverse, Dolby B, Tape Advance music search, tape EQ, Tuner Call, 4 speaker outputs with bi-level fader (type #5/#2), 2 sets of RCA preamp outputs, clock, switchable amber/green illumination with positive/negative LCD. **Specifications:** 15 watts RMS/25 watts peak x 2 channels, Tape Frequency Response (±3dB) 30-16,000 Hz, Tape Signal-to-Noise 63 dB, FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "I&E" (for your car, please see pages 28-35). Chassis dimensions 7⅜"W x 2⅛"H.

FREE INSTALLATION KIT FOR YOUR CAR!

Control a Remote CD Changer from Your In-dash Receiver

Not long ago, the idea of a long-play CD changer on the road was little more than a daydream with major dollar signs. Well, it's an affordable reality now, with total system integration so you can control your trunk-mounted CD changer from your in-dash unit.

You'll never get bored

Receivers with CD changer controls provide so many conveniences, it's tough to single out one major benefit. The most obvious is the freedom to choose hours of uninterrupted CD listening, or cassette tape play, or AM/FM tuner listening—all from the controller's easy-to-use multi-function buttons (buttons that control CD functions when a CD is playing and cassette functions when a cassette is playing).

Features vary, but you'll find most of the same things you enjoy with your home CD player: nearly instant access to your favorite tracks, Random Play for a surprise mix of songs, and crystal-clear CD sound.

Components that communicate

Some CD changers and controllers (like Sony UniLink systems) even communicate bi-directionally, allowing advanced features like "Custom File": Disc titles or artists' names can be programmed and displayed on the controller's LCD panel during play.

UniLink changers with Custom File can even be programmed through the in-dash unit to remember your favorite tracks and play them whenever you select a disc.

Clarion 3580RC

NEW

Clarion's new 3580RC is their most affordable model with built-in CD changer controls. You get Clarion's proven Magi-Tune circuitry, with 18 FM and 6 AM station presets. The smooth auto reverse cassette deck includes switchable tape EQ for compatibility with different tape formulas. High power and separate bass and treble controls bring out the best in your speakers. A front/rear fader works even when you're taking advantage of the preamp outputs to add more power. A detachable face fights theft.

Item #0203580RC List Price: $300
YOUR PRICE: $279.95

3580RC/6201CD CD Changer value package
Item #7003580620 List Price: $750
SYSTEM PRICE: $569.95

Size I&E | Depth 6½"

Features: Full detachable face, CD changer controls, 4-channel high power, 18 FM & 6 AM presets with Preset Scan, auto-reverse, tape EQ, separate bass and treble, loudness, 4 speaker outputs with fader (type #5), RCA preamp outputs, radio/tape/CD selector, clock. **Specifications:** 12 watts RMS/20 watts peak x 4 channels, Tape Frequency Response (±3dB) 30-18,000 Hz, Tape Signal-to-Noise 56 dB, FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "**I&E**" (for your car, please see pages 28-35). Chassis dimensions: 7 3/16"W x 2⅛"H.

Clarion 3680RC

The 3680RC is a detachable-face receiver packed with good stuff like Clarion's Magi-Tune FM circuitry and an auto-reverse tape section with Dolby B. Add a built-in 4-channel amp with enough power to really drive 4 speakers, and you've got a serious contender. Things get even more interesting when you team the 3680RC with Clarion's **6201CD** 6-disc changer. At our package price, this high-performance changer with dual 1-bit "Bitstream" D/A converters and 8-times oversampling costs you just $300!

Item #0203680RC List Price: $330
YOUR PRICE: $299.95

3680RC/6201CD CD Changer value package
Item #7003680620 List Price: $780
SYSTEM PRICE: $599.95

Size E | Depth 6⅞"

Features: Full detachable face with carry case, CD changer controls, 4-channel high power, 18 FM & 6 AM presets with Preset Scan, auto-reverse, Dolby B, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock. **Specifications:** 14 watts RMS/30 watts peak x 4 channels, Tape Frequency Response (±3dB) 30-18,000 Hz, Tape Signal-to-Noise 66 dB (Dolby B), FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "**E**" (for your car, please see pages 28-35). Chassis dimensions 7 3/16"W x 2⅛"H.

Clarion 6201CD *CD Changer*

This 6-disc changer is engineered to stand up to the special demands the automotive environment places on a CD player. Its spring-loaded, oil-damped suspension system absorbs the shocks that could cause discs to skip. And the versatile 3-way mounting bracket lets you install the changer horizontally, vertically or anywhere in between. Clarion tested the 6201CD under severe temperature extremes and determined that it sounds great and operates normally from a chilly 14° to a sizzling 158°.

Item #0206201CD List Price: $450
YOUR PRICE: $399.95

Features: 6-disc changer controllable with 3580RC & 3680RC, dual 1-bit D/A converters, 8-times oversampling. **Specs:** Frequency Response (±1dB) 5-20,000 Hz, Signal-to-Noise 95 dB. Dim: 11½"W x 2⅞"H x 7"D. Warr: 1 year.

JVC KS-RT70

The KS-RT70's stylish control panel will surely catch the eye. But not to worry–the face is detachable, so it's only visually appealing when you want it to be. And it's inoperable without the controls, rendering it useless to a thief. But there's a lot more to this JVC than good looks. It features a precise auto-reverse cassette section with a long-life Extra Hard Permalloy head, Dolby B noise reduction, and tape-saving key-off pinchroller release. Its sensitive tuner offers 24 station presets and Preset Scan. Four-speaker power with fader control is built in. It has preamp outputs for easy upgrading. And with CD changer controls, you can add JVC's XL-MK500 6-CD changer (below).

Item #105KSRT70 List Price: $320

YOUR PRICE: ~~$269.95~~ $219.95

Size E | Depth 6¼"

Features: Full detachable face with carry case, CD changer controls, high power, High Sensitivity seek tuner, 18 FM & 6 AM presets with Preset Scan, auto-reverse, Dolby B, separate bass and treble, Active Hyper-Bass, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock. **Specifications:** 12 watts RMS/25 watts peak per channel (rear), 3 watts RMS/8 watts peak per channel (front), Tape Frequency Response (±3dB) 50-16,000 Hz, Tape Signal-to-Noise 60 dB (Dolby B), FM Sensitivity 12.1 dBf. Warranty: 1 year. **Installation Data:** Size code "E" (for your car, please see pages 28-35). Chassis dimensions 7 3/16"W x 2 1/8"H.

JVC KS-RT80

If cassette tape is your thing, JVC's sleek KS-RT80 will tickle your fancy. Along with electronic control buttons, it offers a smooth U-Turn auto-reverse full-logic tape mechanism, Dolby B, and metal tape compatibility. Multi Music Scan lets you skip to any of the next 6 songs, and key-off release saves your tapes from wear. The KS-RT80 won't short-change you on the tuner either, with 18 FM/6 AM station presets, Preset Scan, and Best Stations Memory. You also get high power with front-to rear speaker fading. CD changer controls let you add a long-play XL-MK500 6-CD changer (with big savings when you buy both). A full detachable face discourages would-be thieves.

Item #105KSRT80 List Price: $400

YOUR PRICE: $349.95

Size E | Depth 6½"

Features: Full detachable face with carry case, CD changer controls, high power, seek tuner, 18 FM & 6 AM presets with Preset Scan, full-logic auto-reverse, Dolby B, Multi-Music Scan, metal tape compatible, electronic bass/treble/balance/volume/fader, Active Hyper-Bass, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock. **Specifications:** 12 watts RMS/25 watts peak per channel (rear), 3 watts RMS/8 watts peak per channel (front), Tape Frequency Response (±3dB) 50-18,000 Hz, Tape Signal-to-Noise 60 dB (Dolby B), FM Sensitivity 12.1 dBf. Warranty: 1 year. **Installation Data:** Size code "E" (for your car, please see pages. 28-35). Chassis dimensions 7 3/16"W x 2 1/16"H.

Save $50 or more on a CD changer when you buy it with the controller!

Features: 6-disc changer controllable with JVC KS-RT70, KS-RT80 & KS-RG8, 1-bit D/A converter, 8-times oversampling, double insulation anti-vibration mechanism, horizontal or vertical mounting. **Specifications:** Frequency Response (±1dB) 5-20,000 Hz, Signal-to-Noise 98 dB. Dimensions: 12 5/16"W x 3 3/8"H x 7 13/16"D. Warranty: 1 year.

JVC XL-MK500 *CD Changer*

If you own a JVC home CD changer, you'll be pleased to hear that your 6-disc magazine fits the XL-MK500. You'll also be pleased to hear the XL-MK500, which employs JVC's Pulse Edge D/A converter to generate two to four times the sound resolution of conventional 1-bit DA converter systems. In other words, it sounds great, with an excellent signal-to-noise ratio and wide dynamic range. And with a double-insulated, anti-shock/vibration mechanism, it works well even on pavement that's less than smooth. Mounts horizontally or vertically.

Item #105XLMK500 List Price: $500

YOUR PRICE: $349.95

Extra 6-disc magazine Item #111XCM75 ***$14.95***

Sony XR-U110

The XR-U110 offers the lowest admission price to Sony CD changer control. Besides handling Sony's 10-disc changers, this receiver has much more. Like 4-channel high power for an easy, great-sounding installation. And an excellent tuner with 24 station presets so you can program all your favorites and never have to tune manually. Auto-reverse sees to it that your tapes just keep on playing. A full detachable face provides easy, effective theft-protection.

Item #158XRU110 List Price: $340

YOUR PRICE: $269.95

XR-U110/CDX-U70 CD Changer value package
Item #700110U70 List Price: $820

SYSTEM PRICE: $599.95

Size I&E | Depth 6⅝"

Features: Full detachable face with carry case, UniLink CD changer controls, 4-channel high power, 18 FM/6 AM presets with Preset Scan, auto-reverse, separate bass and treble, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock. **Specifications:** 9 watts RMS/25 watts peak x 4 channels, Tape Frequency Response (±3dB) 30-15,000 Hz, Tape Signal-to-Noise 55 dB, FM Sensitivity 13 dBf. Warranty: 1 year. **Installation Data:** Size code "I&E" (for your car, please see page 28-35). Chassis dimensions 7 3/16"W x 2 1/8"H.

FREE INSTALLATION KIT FOR YOUR CAR!

Sony XR-U220 • XR-U330

With the XR-U220, you get Custom File, the most powerful CD programming feature of Sony's smart UniLink changer control system. Custom File has a permanent memory where you can store information about the CDs in the 10-disc magazine. You know exactly where each disc is without guessing. You also get 4-channel high power and auto-reverse. Security is quick and easy with a full detachable face.

Item #158XRU220 List Price: $400
YOUR PRICE: $299.95

*The **XR-U330** adds three big tape features—Dolby B, Music Search and tape EQ—plus a second set of preamp outputs, and radio station naming.*

Item #158XRU330 List Price: $450 (pictured)
YOUR PRICE: $349.95

Size E | Depth 6⅛"

Features: Full detachable face with carry case, UniLink CD changer controls, 4-channel high power, 18 FM/6 AM presets with Preset Scan, auto-reverse, separate bass and treble, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock. XR-U330 adds Dolby B, Music Search, tape EQ, and a second set of preamp outputs with bi-level fading. **Specifications:** 10 watts RMS/20 watts peak x 4 channels, Tape Frequency Response (±3dB) 30-18,000 Hz, Tape Signal-to-Noise 55 dB (66 dB for XR-U330), FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "E" (for your car, please see pages 28-35). Chassis dimensions 7⁹⁄₁₆"W x 2⅛"H.

Sony XR-U660

Sony's XR-U660 includes the amazing UniLink CD changer controls of the models above and adds one more biggie: 10-key direct disc access. No more clicking back and forth to find your favorite disc; just punch it in. The XR-U660 does wonders for cassettes, too, with a 2-motor, full-logic auto-reverse mechanism. Other high-performance extras include Dolby B & C, Multi Music Search, and Blank Skip. Four-channel high power is built in, along with a bi-level fader that also controls the 2 sets of preamp outputs.

Item #158XRU660 List Price: $530
YOUR PRICE: $429.95

Optional wireless remote Item #158RMX3 ***$29.95***

Size E | Depth 6⅛"

Features: Full detachable face with carry case, UniLink CD changer controls, 4-channel high power, 20 FM & 10 AM presets, full-logic auto-reverse, Dolby B & C, 9-song Multi Music Search, Blank Skip, 4 speaker outputs with bi-level fader (type #5/#2), 2 sets of RCA preamp outputs, clock, switchable amber/green illumination. **Specifications:** 10 watts RMS/20 watts peak x 4 channels, Tape Frequency Response (±3dB) 30-18,000 Hz, Tape Signal-to-Noise 76 dB, FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "E" (for your car, please see pages 28-35). Chassis dimensions 7⁹⁄₁₆"W x 2⅛"H.

Sony XR-U770 *Cassette Tuner*

Nothing about the XR-U770 could be called ordinary. The detachable face is a slick motorized version. The tuner is Sony's updated dual-antenna Diversity II tuner. Even if you only connect one antenna, the performance is stunning. The full-logic auto-reverse tape deck offers even higher performance than the XR-U660. You get Dolby B & C, Multi Music Search, the works. And Sony's UniLink CD changer controls are the most complete we've seen. The XR-U770 is a preamp-only deck; match it with one or two high-performance amps for a taste of car audio heaven.

Item #158XRU770 List Price: $750
YOUR PRICE: $599.95

Optional wireless remote Item #158RMX3 ***$29.95***

Save $50 or more on a CD changer when you buy it with the controller!

Size I&E | Depth 6"

Features: Motorized full detachable face with carry case, UniLink CD changer controls, dual-antenna Diversity II Tuning, 20 FM & 10 AM presets with Preset Scan, full-logic auto-reverse, Dolby B & C, 9-song Multi Music Search, Blank Skip, 2 sets of RCA preamp outputs with preamp fader (type #2), clock, switchable amber/green illumination. **Specifications:** Tape Frequency Response (±3dB) 30-20,000 Hz, Tape Signal-to-Noise 76 dB, FM Sensitivity 8 dBf. Warranty: 1 year. **Installation Data:** Size code "I&E" (for your car, please see pages 28-35). Chassis dim: 7⁹⁄₁₆"W x 2⅛"H.

The front panel swings down for you to insert a tape.

Sony CDX-U303 • CDX-U404 *CD Changers*

Both of these compact 10-disc CD changers are controllable from Sony UniLink in-dash receivers (all receivers except the XR-U110 access the 110-disc Custom File permanent memory, which automatically plays your favorite programmed tracks whenever you select that disc). To get the most music out of your CDs, Sony borrowed the high density 1-bit D/A converter with 8-times oversampling that's helped make their home players so successful.

Item #158CDXU303 List Price: $530 (pictured)
YOUR PRICE: $429.95

*The **CDX-U404** adds Electronic Shock Protection (ESP)—it stores 3 seconds of music in memory for continuous play without skips.*

Item #158CDXU404 List Price: $680
YOUR PRICE: $529.95

Extra 10-disc magazine Item #156XA10B ***$29.95***

Features: 10-disc UniLink changer controllable with XR-U110/-U220/-U330/-U660/-U770 cassette receivers and CDX-U6260 & CDX-U8000 CD receivers, UniLink control system with 110-disc Custom File program memory, 1-bit D/A converter, 8-times oversampling, silicon-damped suspension. CDX-U404 adds Electronic Shock Protection with 3-second buffer memory. **Specifications:** Frequency Response (±1dB) 5-20,000 Hz, Signal-to-Noise ratio 95 dB. Dimensions: 12"W x 3½"H x 7"D. Warranty: 1 year.

Pioneer KEH-M4500 • KEH-M5500

Both of these receivers give you total control over Pioneer's 6- and 12-disc CD changers. They have partially detachable faces to prevent theft, and high power to put a smile on your face. You also get Supertuner III with 24 presets, auto-reverse, 4-speaker output with fader, and RCA preamp outputs, which come in handy if you decide to add an outboard amp.

Item #130KEHM450 List Price: $376

SALE: $249.95 *Supplies limited*

*If you play a lot of tapes, try the **KEH-M5500.** It adds Dolby B, Music Search and tape EQ.*

Item #130KEHM550 List Price: $436 (pictured)

SALE: $279.95 *Supplies limited*

Optional case for control face Item #130AD932 **$10**

Size E | Depth 6¼"

Features: Partial detachable face, CD changer controls, high power, Supertuner III, 18 FM & 6 AM presets with Preset Scan, Best Stations Memory travel presets, auto-reverse, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock. KEH-M5500 adds Dolby B, Music Search and tape EQ. **Specifications:** 10 watts RMS/25 watts peak x 2 channels, Tape Frequency Response (±3dB) 40-14,000 Hz (40-17,000 Hz for KEH-M5500), Tape Signal to-Noise 52 dB (63 dB for KEH-M5500), FM Sensitivity 11 dBf. Warranty: 1 year. **Installation Data:** Size code "E" (for your car, please see pages 28-35). Chassis dimensions 7 3/16"W x 2 1/16"H.

Pioneer KEH-M6500 • KEH-M7500

With road-proven SuperTuner III FM and full controls for Pioneer's 6- or 12-disc changers, the high-powered KEH-M6500 will bring a lot of good music your way. This handsome unit features 18 FM/6 AM tuner presets, Preset Scan, Best Stations Memory (for quickly locking in on stations when you travel), a rugged auto-reverse tape section, and theft-deterring full detachable face.

Item #130KEHM650 List Price: $460

SALE: $299.95 *Supplies limited*

*The **KEH-M7500** adds Dolby B, Music Search, tape EQ and switchable illumination. A second set of preamp outputs with bi-level fader gives you greater flexibility.*

Item #130KEHM750 List Price: $520 (pictured)

YOUR PRICE: $349.95

Size I&E | Depth 6½"

Features: Full detachable face with carry case, CD changer controls, high power, Supertuner III, 18 FM & 6 AM presets with Preset Scan, Best Stations Memory travel presets, auto-reverse, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock. KEH-M7500 adds Dolby B, Music Search, tape EQ, two sets preamp outputs with bi-level fader, and switchable amber/green illumination. **Specifications:** 10 watts RMS/25 watts peak x 2 channels, Tape Frequency Response (±3dB) 40-14,000 Hz (40-17,000 Hz for KEH-M7500), Tape Signal to-Noise 52 dB (63 dB for KEH-M7500), FM Sensitivity 11 dBf. Warr: 1 year. **Installation Data:** Size code "I&E" (for your car, please see pages 28-35). Chassis dimensions 7 3/16"W x 2 1/16"H.

Pioneer KEH-M8500

Pioneer's premier cassette receiver with CD changer controls, the KEH-M8500, features wireless remote control operation, 4-channel high power, detachable face security, and their latest Supertuner IV circuitry. Known for cutting-edge tuners, Pioneer has included Fuzzy Logic "reasoning" circuitry in Supertuner IV. It constantly monitors its own operation and automatically adjusts its reception control to accommodate variations in terrain, signal strength, and noise level! On the cassette side, the KEH-M8500 includes full-logic auto-reverse, plus Dolby B & C. And with 2 sets of RCA preamp outputs and bi-level fader, your system expansion possibilities are endless.

Item #130KEHM850 List Price: $748

YOUR PRICE: $529.95

Size I&E | Depth 6⅝"

Features: Full detachable face with carry case, CD changer controls, wireless remote control, high power, Supertuner IV with Fuzzy Logic, 18 FM & 6 AM presets with Preset Scan, full-logic auto-reverse, Dolby B & C, Music Search, Blank Skip, auto tape EQ, 4 speaker outputs with bi-level fader (type #5/#2), 2 sets of RCA preamp outputs, clock, switchable illumination. **Specs:** 14 watts RMS/30 watts peak x 4 channels, Tape Freq. Response (±3dB) 30-19,000 Hz, Tape Signal-to-Noise 73 dB (Dolby C), FM Sensitivity 8 dBf. Warranty: 1 year. **Installation Data:** Size code "I&E" (for your car, please see pages 28-35). Chassis dimensions: 7 3/16"W x 2 1/16"H.

Pioneer's CDX-M12 is more compact than many 10-disc designs, while offering 20% more tunes! It uses a unique 12-disc magazine for double the capacity. (Magazine not compatible with Pioneer home CD changers.)

Pioneer CDX-M12 • CDX-M30 CD Changers

Pioneer's latest CD changers get top marks for sound quality, trouble-free operation, and installation ease. The compact CDX-M12 holds 12 discs in a single magazine, while the CDX-M30 holds 6. Both changers mount horizontally or vertically, and work with in-dash receivers KEH-M4500 through KEH-M8500, DEH-M980 & DEH-M990 CD receivers. *CDX-M12 is pictured. CDX-M12 supplies are limited.*

Item #130CDXM12 List Price: $606 **NEW LOW PRICE: $399.95**

Extra 12-disc Magazine Item #130JDT1212 **$29.95**

***CDX-M30's** 6-disc magazine is compatible with Pioneer home CD changers.*

Item #130CDXM30 List Price: $558 **YOUR PRICE: $399.95**

Extra 6-disc Magazine Item #130JDM300 **$10**

Features: magazine-style changer (6-disc for CDX-M30, 12 for CDX-M12), 1-bit D/A converter, 8-times oversampling, Double Floating Anti-Vibration Design, metal chassis, horizontal or vertical mounting. **Specs:** CD Frequency Response (±1dB) 5-20,000 Hz, CD Signal-to-Noise 97 dB (96 dB for CDX-M12). Dim: 7⅞"W x 3"H x 11⅝"D (10⅞"W x 3⅜"H x 6½"D for CDX-M12). Warr: 1 year.

Kenwood KRC-560

This Kenwood has something for everyone, with an auto-reverse cassette section, excellent tuner with 24 station presets, and controls for operating Kenwood's hideaway 10-disc CD changer (see below). The CD changer controls allow you to scan tracks or discs, repeat tracks or discs or vary the selections with random play. A powerful built-in amp lets you drive four speakers. And the KRC-560 offers 2 sets of gold-plated, fader-controlled preamp outputs if you choose to add an outboard amp or two. The fully detachable face helps you thwart thieves.

Item #113KRC560 List Price: $360

SALE: $249.95 *Supplies limited*

KRC-560/KDC-C601 Changer value package

#700560C601 List Price: $840 **SYSTEM SALE: $599.95**

Size I&E Depth 6 3/8"

Features: Full detachable face with defeatable flashing LED and carry case, CD changer controls, 4-channel high power, 18 FM & 6 AM presets, auto-reverse, Tuner Call, 4 speaker outputs with bi-level fader (type #5/#2), 2 sets of RCA preamp outputs, clock, green illumination. **Specifications:** 15 watts RMS/25 watts peak x 4 channels, Tape Frequency Response (±3dB) 30-14,000 Hz, Tape Signal-to-Noise 54 dB, FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "I&E" (for your car, please see pages 28-35). Chassis dimensions 7 3/16"W x 2 1/8"H.

Kenwood KRC-660 • KRC-860

Kenwood's high-powered KRC-660 offers 15 watts of continuous power to all 4 channels, plus a rugged auto-reverse tape section with Dolby B and Music Search. You also get 18 FM and 6 AM tuner presets, full detachable face security, 2 sets of preamp outputs, and CD changer controls. With 4-way selectable illumination, the KRC-660 will match your car's dash lights (amber or green), and the positive/negative LCD provides optimum visibility day or night.

Item #113KRC660 List Price: $410

YOUR PRICE: $369.95

*The **KRC-860** adds Dolby C noise reduction and cellular phone muting interface.*

Item #113KRC860 List Price: $460 (pictured)

YOUR PRICE: $399.95

Size I&E Depth 6 1/2"

Features: Full detachable face with defeatable flashing LED and carry case, CD changer controls, 4-channel high power, 18 FM & 6 AM presets, auto-reverse, Dolby B, tape Music Search, 4 speaker outputs with bi-level fader (type #5/#2), 2 sets of RCA preamp outputs, clock, switchable amber/green illumination with positive/negative LCD. KRC-860 adds Dolby C. **Specifications:** 15 watts RMS/25 watts peak x 4 channels, Tape Frequency Response (±3dB) 30-16,000 Hz, Tape Signal-to-Noise 63 dB (71 dB for KRC-860), FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "I&E" (for your car, please see pages 28-35). Chassis dimensions 7 3/16"W x 2 1/8"H.

Kenwood KRC-960 • KRC-940

Kenwood left the amp out of the KRC-960 so they could pack their best tuner and cassette deck into its compact chassis. If you're bold enough to demand this level of performance, you'll want separate, no-compromise amps, anyway. But you'll appreciate the convenience of built-in CD changer controls and the security of the fully detachable faceplate. The full-logic auto-reverse deck features Dolby B and C. You get 3 sets of gold-plated preamp outputs (2 controlled by the fader). Optional remote control available.

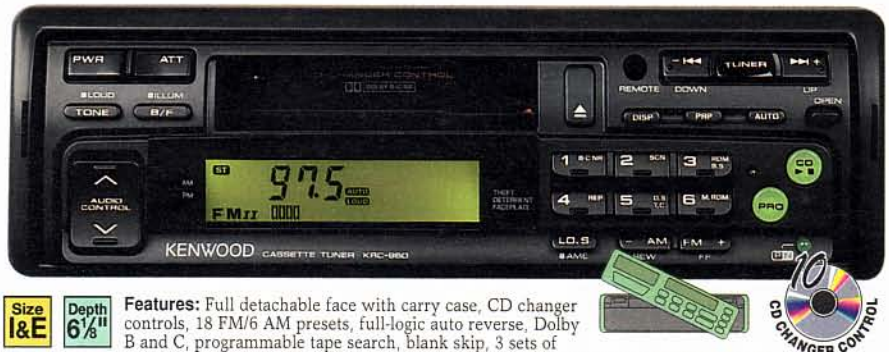
Item #113KRC960 List Price: $640

YOUR PRICE: $579.95

Previous top-of-the-line KRC-940. Size "E." Last chance!

Item #113KRC940 List Price: $699

SALE: $399.95 *Supplies limited*



Size I&E Depth 6 1/8"

Features: Full detachable face with carry case, CD changer controls, 18 FM/6 AM presets, full-logic auto reverse, Dolby B and C, programmable tape search, blank skip, 3 sets of RCA preamp outputs with preamp fader (type #2), clock, 4-way selectable display. KRC-940 has dual illumination. Optional remote for both models Item #113KCAR2 $59.95. **Specs:** Tape Frequency Response (±3dB) 30-21,000 Hz, Tape Signal-to-Noise 73 dB (Dolby C), FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code: "I&E" (for your car, please see pages 28-35). Chassis dimensions 7 3/16"W x 2 1/16"H.

Kenwood KDC-C601 *CD Changer*

Save $50 or more on a CD changer when you buy it with the controller!

The KDC-C601, among the world's smallest 10-disc changers, is smaller than some *6-disc* changers! So compact that, depending on your vehicle, you may be able to install one in places you've never considered, like the glove box, under seats, etc. Kenwood's Balanced Floating Mechanism can handle hard cornering, braking or acceleration, as well as vibration. You can control this changer with Kenwood's cassette receivers from the KRC-560 on up, or with the KDC-9000 CD player. The KDC-C601 uses two 1-bit D/A converters per channel, with 8-times oversampling.

Item #113KDCC601 List Price: $480

YOUR PRICE: $399.95

Extra 10-disc magazine Item #113KCAM110 **$39.95**

Features: 10-disc changer controllable with Kenwood KRC-560, -660, -860, -960 and KDC-9000; 4 1-bit D/A converters, 8-times oversampling digital filter, anti-jitter Digital Pulse Axis Control, anti-vibration balanced floating suspension, horizontal or vertical mounting. **Specifications:** Frequency Response (±1dB) 5-20,000 Hz, Signal-to-Noise 94 dB. Dimensions 11 1/8"W x 3"H x 6 3/4"D. Warr: 1 year.

CONSUMER TIP

The Easy Way to Add a CD Changer to Any Car Stereo System

FM: No hassle at all

You don't have to buy a new car stereo if you want the great sound of CD. Instead, just pick up an add-on changer package like the ones on this page. These special CD changers feature adapters (FM modulators) that plug directly into the wire that runs from your antenna to your radio. Simply patch the changer in, and tune your radio to a predetermined frequency (usually between 88 and 89.5 MHz on the FM band).

Heard but not seen

Installation is easy, and once you've hooked the changer up, you can hide it anywhere (like in the trunk, or under the seat) so it won't tempt thieves. And if you trade in your cars frequently, moving your CD changer to the new car is snap.

Depending on the model, you control the changer mechanism by a wired or wireless remote. Best of all, add-on changers hold anywhere from 6 to 10 CDs, so you get lots more music than with a single-disc player. It will play untouched for hours. When you're trying to keep your eyes on the road and hands on the wheel, it helps if the machine changes the discs for you.

JVC XL-MG700RF *Add-on 6-Disc Changer*

This 6-disc changer from JVC lets you add CD capability to *any* stereo radio, including factory radios. Just install the changer and CD-to-FM antenna adapter, then tune the radio to either 88.7 or 89.1 on the FM band to hear crisp, clean CD playback. JVC's up-to-the-minute technology includes a 1-bit D/A converter and 8-times oversampling. The wired remote control provides instant disc and track selection, plus Random Play. The XL-MG700RF uses the same 6-disc magazine as JVC's home CD changers.

Item #105XLMG700 List Price: $610 **SALE: $349.95** *Supplies limited*

Please note: Some GM, VW and Nissan cars require antenna plug adapters.

Features: 6-disc changer, 1-bit D/A converter, 8-times oversampling, Anti Vibration mechanism, horizontal or vertical mounting; FM modulator with channel selector (88.7 or 89.1 MHz); wired remote has Disc/Track select and Random Play. Dim: (changer) 12⅜"W x 3⅜"H x 8¼"D; (wired remote) 2³⁄₁₆"W x 3³⁄₁₆"H x 1¹⁄₁₆"D. Warranty: 1 year.

Pioneer CDX-FM35 • CDX-FM38 *Add-on 6-Disc Changers*

You can add Pioneer's CDX-FM35 to nearly any car stereo system. Just tune to your selected frequency (89.1 or 89.5 on the FM band). Any song on up to 6 discs is just seconds away. The changer and FM modulator unit mount horizontally or vertically. The wired remote control provides power On/Off, Repeat, and Random Play. Uses the same 6-disc magazine as Pioneer's home CD changers.

Item #130CDXFM35 List Price: $654 (pictured)

NEW LOW PRICE: $449.95 *Supplies limited*

*The **CDX-FM38** adds wireless remote control and a separate display panel that mounts on your dash for easy viewing.*

Item #130CDXFM38 List Price: $810 **SALE: $499.95** *Supplies limited*

Features: 6-disc changer, 1-bit D/A converter, 8-times oversampling, Double Floating Anti Vibration Design, horizontal or vertical mounting; separate FM modulator with channel selector (89.1 or 89.5 MHz); wired remote has Disc/Track select, Repeat, Random Play. CDX-FM38 adds wireless remote and Digital Compression. Dimensions: (changer) 7⅞"W x 3"H x 11⅝"D; (hideaway unit) 6¼"W x 1⅛"H x 3⅞"D; (CDX-FM35 controller) 2⅛"W x 2⅝"H x ⅜"D, (CDX-FM38 controller 2⅜"W x 4⅜"H x ¾"D), (CDX-FM38 display unit) 4"W x 1⅜"H x ⅝"D. Warranty: 1 year.

Kenwood KDC-C601RF *Add-on 10-Disc Changer*

You can hang on to your factory radio and still enjoy the pleasures of Kenwood's incredibly compact 10-disc changer. The KDC-C601RF's hideaway antenna adapter brings you the CD signal when you tune to 88.3 or 88.7 on the FM band. The KDC-C601 is one of the smallest 10-disc changers around. In many vehicles, it can be installed in formerly-impossible locations like the glove box or beneath a seat. Just because you have a factory radio doesn't mean you have to settle for factory sound.

Item #113C601FM List: $590 ***YOUR PRICE: $499.95***

Extra 10-disc Magazine Item #113KCAM110 ***$39.95***

Features: 10-disc changer, four 1-bit D/A converters, 8-times oversampling, Super Optimum Servo Control, anti-jitter Digital Pulse Axis Control, full-logic mechanism with balanced floating suspension, horizontal or vertical mounting; separate FM modulator with channel selector (88.3 or 88.7 MHz); wireless remote has Disc/Track Select, Repeat, Track Scan, and Random Play. Dim: (changer) 11⅛"W x 3"H x 6¾"D; (wireless remote) 2⅜"W x 3⅝"H x ¾"D; (display unit) 4¼"W x 1⅜"H x ¾"D; (hideaway module) 5⅞"W x 1¼"H x 4¾"D. Warranty: 1 year.

Please note: Some GM, VW and Nissan cars require antenna plug adapters.

Sony CDX-45RF • CDX-U303RF *Add-on 10-Disc Changers*

Features: 10-disc changer, 1-bit D/A converter, 8-times oversampling, oil-damped suspension, horizontal or vertical mounting; separate FM modulator w/FM frequency selector (88.3 or 88.7 MHz); wired remote has Intro Scan, 3-way Repeat, 3-way random Shuffle, On/Off; separate LCD information. CDX-U303RF adds wireless remote and Custom File. Dim: (changer) 12"W x 3½"H x 7"D; (display unit) 5"W x 1¹³⁄₁₆"H x ¾"D; (hideaway module) 5⅝"W x 1³⁄₁₆"H x 3⅝"D. Warranty: 1 year.

The new CDX-45RF makes Sony's intelligent, convenient UniLink control system available as an add-on to any system at a breakthrough price. A wired remote handles the controls, and includes a big easy-to-read display. The CDX-45RF's FM modulator lets you tie into your radio. *CDX-45RF is pictured.*

Item #158CDX45RF List Price: $500 ***YOUR PRICE: $449.95***

*The **CDX-U303RF** steps up to wireless remote control and expands UniLink functions to include Custom File, which lets you program CD information (title, tracks, etc.) into memory. For each disc you can punch in your favorite tracks and every time you play that disc, the stored tracks play automatically.*

Item #158U303RF List Price: $800 ***YOUR PRICE: $649.95***

Extra 10-disc Magazine Item #156XA10B ***$29.95***

If you prefer CDs at home, why mess with tapes in your car?

Ever since the 8-track tape era ended, cassette receivers have dominated the car stereo scene. But that's changing fast. In-dash CD receivers have a lot of folks kicking the cassette habit.

Needless duplication?

If you've been taping your CD collection for use only in your car, consider the cost of the blank tapes and include the time you spend slaving over the cassette deck.

Now look at how reasonably priced our in-dash CD receivers are. You may decide it pays to switch.

It's a great time to switch, because CD receivers are a better value now than ever before. When in-dash CD units first appeared, even a basic unit cost $600 or more. Now you can get an in-dash CD receiver with removable chassis and built-in high power for $279.95.

Remember why you fell in love with CDs

The digital sound quality, programmability and durability that made CDs so popular for home use make them an equally sound choice for mobile audio.

Most car CD receivers offer the same great features found in home units:

- Instant track access
- Random playback
- Intro scan

Some even offer remote control.

Cars ride so much quieter these days, and car amplifiers and speakers are so much better, you'll be able to appreciate the inherent sonic superiority of compact discs. You won't have tape hiss to fret about anymore.

On the practical side, the ability of discs to maintain their pure sound quality, regardless of exposure to extreme temperatures makes them ideal for the auto environment, where the elements take a toll on your relatively fragile cassettes.

Sounds great, less filling

Finally, if you leave the CD jewel boxes at home (see page 69 for slim-line cases), you can carry a lot more CDs in a smaller package. You need a pretty large case to carry 100 cassettes, but that's how many CDs fit in some of the compact CD cases we sell.

A sound investment

Are you planning to keep your car for a long time, as more and more people are doing these days? Then it makes a lot of sense to invest roughly $300 for an in-dash CD receiver, or even $699.95 for JVC's new in-dash 3-disc CD changer.

Think about it. Then call us toll free. We'll be glad to help you sort through all the features and pick the best CD receiver for your car and your listening habits.

Sanyo ECD-8580

Wow! CD in your car for just $279.95! And no bare-bones budget model, either. For years we've been impressed by the level of quality and performance Sanyo's affordable cassette receivers offer, and it's the same story for their ECD-8580 CD player. Disc/Track Repeat, random Shuffle Play, Intro Scan, all your favorite CD features are here. The sensitive tuner has 18 station presets. The ECD-8580 is ready to go with built-in high power and 4 speaker outputs. If you need greater volume and clarity, it's easy to hook up an amp with the preamp outputs provided. The removable chassis puts theft prevention in your hands. Optional carry bag #227CSC1, $19.

Item #140ECD8580 List Price: $350

YOUR PRICE: $279.95

Size E | Depth 6⅝"

Features: Removable chassis, high power, 1-bit twin D/A converter, 8-times oversampling, Disc/Track Repeat, Intro Scan, random Shuffle Play, quartz synthesis seek tuning. 12 FM & 6 AM presets, separate bass and treble, BASS-XPANDER, 4 speaker outputs with fader (type #5), RCA preamp outputs, night illumination. **Specifications:** 13 watts RMS/25 watts peak x 2 channels, CD Frequency Response (±3dB) 5-20,000 Hz, CD Signal-to-Noise 95 dB, FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "E" (for your car, please see pages 28-35). Chassis dimensions 7⅜"W x 2⅜"H.

Clarion 5632CD • 5671CD

Until recently, you couldn't find a quality in-dash CD player for under $300. Now it's easy! The 5632CD includes dual 1-bit D/A converters and 8-times oversampling, plus playback conveniences like Random Play, Repeat and Intro Scan. It also offers Clarion's station-holding tuner with 15 FM and 5 AM presets. Best Stations Memory locks in on strong signals wherever you travel. Includes 2-speaker power and fader-controlled preamp outputs.

Item #0205632CD List Price: $360 (pictured)

SALE: $279.95 *Supplies limited*

*Take the **5671CD** with you–it adds removable chassis security, but loses the clock. (Size code "E").*

Item #0205671CD List Price: $450

YOUR PRICE: $349.95

Size I&E | Depth 6⅞"

Features: High power, dual 1-bit D/A converters, 8-times oversampling, Random Play, Track Repeat, Intro Scan, 15 FM & 5 AM presets with Preset Scan, Best Stations Memory, separate bass and treble, loudness, 2 speaker outputs with speaker/preamp fader (type #3/#2), 2 sets of RCA preamp outputs, clock. 5671CD has removable chassis security, but loses clock. **Specifications:** 12 watts RMS/20 watts peak x 2 channels, CD Frequency Response (±3dB) 5-20,000 Hz, CD Signal-to-Noise 93 dB, FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "**I&E**" ("**E**" for 5671CD), (for your car, please see pages 28-35. Chassis dimensions 7⅜"W x 2⅛"H.

Blaupunkt Laguna

If you thought you couldn't afford a Blaupunkt CD player, you'll be pleasantly surprised by the Laguna. Blaupunkt's clean, uncluttered design not only looks great, it's also easy to operate, with fewer buttons. Slide in a disc and choose from regular play, Repeat, random Mix Play, or programmed play of up to 16 tracks in any order you choose! Tuner conveniences include 24 station presets with Preset Scan. The built-in amplifier is a new high-current design that can even handle a 2-ohm load! Preamp outputs are provided to make adding an amp easier. If you ever want to listen to a cassette, there's a rear-panel jack designed to connect to your portable player.

Item #023LAGUNA List Price: $380

NEW LOW PRICE: $299.95

Size E | Depth 6⅜"

Features: Partial detachable face, high power, 1-bit D/A converter, 8-times oversampling, 16-track programming, Repeat, Intro Scan, random Mix Play, 18 FM & 6 AM presets with Preset Scan, separate bass and treble, loudness, 5 Tone Memory presets, 2 speaker outputs with fader (type #3), RCA preamp outputs, input jack for portable player, night illumination. **Specifications:** 15 watts RMS/25 watts peak x 2 channels, CD Frequency Response (±1dB) 10-20,000 Hz, CD Signal-to-Noise 90 dB, FM Sensitivity 19 dBf. Warranty: 1 year. **Installation Data:** Size code "E" (for your car, please see pages 28-35). Chassis dimensions 7⁹⁄₁₆"W x 2⅛"H.

Sony CDX-5060

The CDX-5060 starts with the latest 1-bit CD technology, and includes built-in 4-channel power, a full detachable face for quick and easy theft prevention, plus Sony's proven tuner circuitry—all for just $329.95! This receiver's the one you've been waiting for. The CDX-5060's CD playback features include Disc and Track Repeat, Shuffle Play for random song selection, and Intro Scan for a brief sampling of each track on the disc. Its tuner includes 18 FM and 6 AM station presets and Preset Scan. Best Tuning Memory stores the strongest stations as you travel. It also includes preamp outputs and a flexible type #5 fader.

Item #158CDX5060 List Price: $420

YOUR PRICE: $329.95

Size I&E | Depth 6½"

Features: Full detachable face with carry case, 1-bit D/A converter, 8-times oversampling, Disc/Track Repeat, Intro Scan, random Shuffle Play, 18 FM & 6 AM presets with Preset Scan, Best Tuning Memory travel presets, separate bass and treble, loudness, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock. **Specs:** 3.5 watts RMS/8 watts peak x 4 channels, CD Freq. Response (±3dB) 10-20,000 Hz, CD Signal-to-Noise 90 dB, FM Sens. 12 dBf. Warr: 1 year. **Installation Data:** Size code "I&E" (for your car, see pages 28-35). Chassis dim 7⁹⁄₁₆"W x 2⅛"H.

Kenwood KDC-5000

The KDC-5000 has the guts of a sophisticated home CD player. It includes four 1-bit D/A converters (2 per channel) with 8-times oversampling. But it's engineered to perform in the rugged world of car stereo. Its super-smooth full-logic disc-handling mechanism is the best we've seen. It's extremely resistant to vibrations and temperature extremes. The transport even locks in place when not in use, to prevent unnecessary movement. The tuner sounds even better than its specs suggest, and has 18 station presets. The KDC-5000 can power 4 speakers as is, and includes a 2-way fader that also controls the RCA preamp outputs.

Item #113KDC5000 List Price: $400

YOUR PRICE: $349.95

Size I&E | Depth 6¾"

Features: High power, four 1-bit D/A converters, 8-times oversampling, Disc/Track Repeat, Random Play, Track Scan, 12 FM & 6 AM presets, separate bass and treble, loudness, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock, night illumination. **Specifications:** 15 watts RMS/25 watts peak x 2 channels, CD Frequency Response (±1dB) 10-20,000 Hz, CD Signal-to-Noise 93 dB, FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "I&E" (for your car, please see pages 28-35). Chassis dimensions 7⁹⁄₁₆"W x 2⁹⁄₁₆"H.

Jensen CD9540

You'll find it extremely easy to access the controls you're looking for on the uncluttered front panel of Jensen's sleek new CD9540. That can be important if you're driving in heavy traffic and can't afford to take your eyes off the road, even for a split second. Spend a few minutes getting to know the Jensen and you'll be able to operate it by feel. This thoughtfully designed CD receiver also lets you change the display color from green to amber to match your dash lights. Performance-wise, it's a real gem, with high power and Jensen's best tuner. Convenience-wise, it's loaded, with 24 preset stations, 4-channel preamp outputs, 2-channel subwoofer outputs, front/rear fader and a partially detachable face to fight theft.

Item #110CD9540 List Price: $500

YOUR PRICE: $369.95

Size I&E | Depth 6⅝"

Features: Partial detachable face, high power, dual 16-bit D/A converters, Repeat, Intro Scan, Random Play, 18 FM & 6 AM presets, 4 speaker outputs with bi-level fader (type #5/#2), 3 sets of RCA preamp outputs, switchable amber/green illumination. **Specifications:** 15 watts RMS/25 watts peak per channel, CD Frequency Response (±1dB) 20-20,000 Hz, CD Signal-to-Noise 90 dB, FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "I&E" (for your car, please see pages 28-35). Chassis dimensions 7⁹⁄₁₆"W x 2⁹⁄₁₆"H.

FREE INSTALLATION KIT FOR YOUR CAR!

Pioneer DEH-730

Pioneer's DEH-730 delivers the right features at the right price. It's their most affordable CD receiver with detachable face security and 4-speaker power with front-to-rear fading. The partially detachable face leaves a small section of the face intact, with room enough for a traditional volume knob. You get great Supertuner FM, with 24 station presets and Preset Scan. The built-in high power will play loud enough for many, but Pioneer includes a set of fader-controlled preamp outputs to simplify adding an amplifier. Switchable amber/green illumination and a clock are the finishing touches.

Item #130DEH730 List Price: $544

NEW LOW PRICE: $359.95

Size I&E Depth 6½" **Features:** Partial detachable face with case, high power, 1-bit D/A converter, 8-times oversampling, Track/Disc Repeat, Random Play, Highlight Scan, Supertuner, 18 FM & 6 AM presets with Preset Scan, Best Stations Memory travel presets, separate bass and treble, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock, switchable amber/green illumination. **Specifications:** 10 watts RMS/25 watts peak x 2 channels, CD Frequency Response (±1dB) 5-20,000 Hz, CD Signal-to-Noise 94 dB, FM Sensitivity 11 dBf. Warranty: 1 year. **Installation Data:** Size code "I&E" (for your car, please see pages 28-35). Chassis dimensions: 7⅜"W x 2⅛"H.

Sony CDX-5260 • CDX-5460

Sony's 4-channel high power CDX-5260 lets you enjoy clean sound with full bass punch at higher volume levels—without adding an amplifier. You can listen to a CD in the normal sequence, repeat one track or the whole disc, hear a few seconds of each cut with Intro Scan, or mix 'em up with Shuffle Play.

Item #158CDX5260 List Price: $480

YOUR PRICE: $379.95

*Plan to add multiple amps? Choose Sony's **CDX-5460.** It offers two sets of RCA preamp outputs, plus a flexible bi-level (type #5/#2) fader. Switchable amber/green illumination lets you match your dash displays.* FREE RM-X35 remote *helps you keep your eyes on the road.*

Item #700CDX5460 List Price: $530 (pictured)

YOUR PRICE: $429.95

Size I&E Depth 6½" **Features:** 4-channel high power, full detachable face with carry case, 1-bit D/A converter, 8-times oversampling, Disc/Track Repeat, Intro Scan, random Shuffle Play, 18 FM/6 AM presets with Preset Scan, Best Tuning Memory travel presets, separate bass and treble, loudness, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock. CDX-5460 adds a bi-level fader (type #5/#2), 2 sets of RCA preamp outputs, switchable amber/green illumination, free remote control. **Specifications:** 10 watts RMS/20 watts peak x 4 channels, CD Frequency Response (±3dB) 10-20,000 Hz, CD Signal-to-Noise 90 dB, FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "I&E" (for your car, please see pages 28-35). Chassis dimensions 7⅜"W x 2⅛"H.

Blaupunkt Ventura • Monterey

A clean, handsome control layout with large, easy-to-use buttons, 4-channel high power, and detachable face security add up to Blaupunkt's exciting Ventura. CD features include random Mix Play, Repeat and Intro Scan.

Item #023VENTURA List Price: $480 (pictured)

NEW LOW PRICE: $399.95

*The **Monterey** adds CD changer controls, switchable illumination, 2 sets of preamp outs and a #5/#2 fader.*

Item #023MONTERE List Price: $580

NEW LOW PRICE: $499.95

*The **CDC-M5** 10-disc CD changer works with the Monterey. Buy them together and save an extra $50.*

Item #023CDCM5 List Price: $580

SALE: $429.95

Size I&E Depth 6½" **Features:** Full detachable face with soft case, high power, 1-bit D/A converter, 8-times oversampling, random Mix Play, Repeat, Track Skip, Intro Scan, 18 FM/6 AM presets with Preset Scan, Travel Store, separate bass and treble, loudness, 4 speaker outputs with fader (type #5), RCA preamp outputs, switchable clock/function display. Monterey adds CD changer controls, dual illumination, 2 sets of RCA preamp outputs with bi-level fader (type #5/#2). **Specifications:** 10 watts RMS/20 watts peak x 4 channels, CD Frequency Response (±1dB) 10-20,000 Hz, CD Signal-to-Noise 90 dB, FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "I&E" (for your car, please see pages 28-35). Chassis dimensions 7⅜"W x 2⅛"H.

JVC XL-G3900

There's a lot to like about JVC's XL-G3900, and the sleek Euro-style (fully-detachable) control face is just the start. This CD receiver offers clean 4-channel high power, fader-controlled preamp outputs for an outboard amp, plus precision electronic controls. Insert a CD and enjoy features like direct track access, Random Play, and Repeat. Or select the High Sensitivity tuner for superb AM/FM reception with seek tuning, 24 presets, Preset Scan, and Special Station Reserve for automatic station recall at a preset time (great if you don't want to miss a traffic report or favorite talk show). The XL-G3900 also controls JVC's XL-MK500 6-CD changer (see p. 18).

Item #105XLG3900 List Price: $480

SALE: $399.95

Size E Depth 6⅝" **Features:** Full detachable face with carry case, CD changer controls, 4-channel high power, 1-bit D/A converter, 8-times oversampling, direct track access, Track Repeat, Random Play, quartz synthesis seek tuning, 18 FM & 6 AM presets, Preset Scan, Strong Station Memory, Special Station Reserve, Active Hyper-Bass, separate bass and treble, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock, night illumination. **Specifications:** 8 watts RMS/22 watts peak x 4 channels, CD Frequency Response 5-20,000 Hz, CD Signal-to-Noise 94 dB, FM Sensitivity 12.1 dBf. Warranty: 1 year. **Installation Data:** Size code "E" (for your car, please see pages 28-35). Chassis dimensions 7⅜"W x 2 1/16"H.

Pioneer DEH-780

A CD receiver is too big an investment to risk having it stolen. That's the reason the DEH-780 includes a super-easy, super-secure full detachable face. Just place it in the supplied carry case and bring it with you whenever you park. Inside, both the disc-loading mechanism and laser pickup are the latest ultra-compact designs, with fewer parts for greater reliability. The tuner section is Pioneer's ever-excellent Supertuner III, with 24 station presets and Preset Scan. Two-speaker high power is built in, along with 2 sets of preamp outputs, also controlled by the fader. The wireless remote saves you a lot of reaching and lets you keep your eyes on the road.

Item #130DEH780 List Price: $640

YOUR PRICE: $449.95

Size E | Depth 6⅛"

Features: Full detachable face with carry case, high power, wireless remote control, 1-bit D/A converter, 8-times oversampling, Track/Disc Repeat, Random Play, Highlight Scan, Supertuner III, 18 FM & 6 AM presets with Preset Scan, separate bass and treble, loudness, 2 speaker outputs with speaker/preamp fader (type #3/#2), 2 sets of RCA preamp outputs, clock, switchable amber/green illumination. **Specifications:** 14 watts RMS/30 watts peak x 2 channels, CD Frequency Response (±1dB) 5-20,000 Hz, CD Signal-to-Noise 94 dB, FM Sensitivity 11 dBf. Warranty: 1 year. **Installation Data:** Size code "E" (for your car, please see pages 28-35). Chassis dimensions: 7⁹⁄₁₆"W x 2⅛"H.

Clarion 5780CD

Stay a step ahead of the stereo thieves with Clarion's detachable-face 5780CD. This CD player has one of the best tuners we've heard, with 18 FM & 6 AM station presets, Preset Scan, and Best Stations Memory for travel presets. It also offers Clarion's latest CD technology, with dual 1-bit D/A converters and 8-times oversampling for clean, dynamic sound. CD player conveniences include Random Play, Track Repeat, and Intro Scan. The 5780CD also supplies high power to all four speakers, as well as offering fader-controlled preamp outputs for system expansion. Best of all, the 5780CD is useless to thieves without its control face.

Item #0205780CD List Price: $530

YOUR PRICE: $449.95

Size E | Depth 6⅞"

Features: Full detachable face with carry case, 4-channel high power, dual 1-bit D/A converters, 8-times oversampling, Random Play, Intro Scan, 18 FM & 6 AM presets with Preset Scan, separate bass and treble, loudness, 4 speaker outputs with fader (type #5), RCA preamp outputs. **Specifications:** 14 watts x 2 RMS/30 watts peak x 4 channels, CD Frequency Response (±1dB) 5-20,000 Hz, CD Signal-to-Noise 100 dB, FM Sensitivity 9 dBf. Warranty: 1 year. **Installation Data:** Size code "E" (for your car, please see pages 28-35). Chassis dimensions: 7⁹⁄₁₆"W x 2⅛"H.

Kenwood KDC-7000

The KDC-7000 starts with Kenwood's reliable, full-logic disc-playing mechanism, then adds some really nice extras. Extra peace of mind with full detachable face security. Kenwood's design even includes an LED you can leave flashing to warn away thieves. Extra stations: Their advanced TM-1000 tuner uses dual RF amps in the front end, with MOSFET inputs so every signal is as clean as possible from the time it's first picked up. You hear the station, not the noise. Finally, switchable amber/green illumination matches the displays in more dashboards, and provides extra visibility in changing lighting conditions.

Item #113KDC7000 List Price: $500

YOUR PRICE: $449.95

Size I&E | Depth 6⅞"

Features: Full detachable face with defeatable flashing LED and carry case, high power, four 1-bit D/A converters, 8-times oversampling, 18 FM & 6 AM presets, 4 speaker outputs with bi-level fader (type #5/#2), 2 sets of RCA preamp outputs, clock, switchable amber/green illumination. **Specifications:** 15 watts RMS/25 watts peak x 2 channels, CD Freq. Response (±1dB) 10-20,000 Hz, CD Signal-to-Noise 93 dB, FM Sensitivity 12 dBf. Warranty: 1 year. **Installation Data:** Size code "I&E" (for your car, please see pages 28-35). Chassis dimensions: 7⁹⁄₁₆"W x 2⅛"H.

Sony CDX-U6260

The CDX-U6260 brings the cost down for a Sony CD receiver with built-in changer controls. That's right, complete control over Sony's 10-disc UniLink changers (see p. 20), including the most advanced programming features we've seen. Other great features include 4-channel high power for an easy, great-sounding installation, and Sony's reliable tuner circuitry with 24 station presets and Preset Scan. Slip the full detachable face into the supplied case and carry it with you for peace of mind. Switchable amber/green illumination is included, too. Sony's RM-X35 remote control offers even greater convenience, and it's included FREE! (A $29.95 value!)

Item #700CDXU626 List Price: $620

YOUR PRICE: $499.95

Size I&E | Depth 6½"

Features: Full detachable face with carry case, UniLink CD changer and video controls, 1-bit D/A converter, 8-times oversampling, 3-way Repeat, Intro Scan, 3-way random Shuffle Play, 18 FM/6 AM presets with Preset Scan, travel presets, 4 speaker outputs with bi-level fader (type #5/#2), 2 sets of RCA preamp outputs, clock, dual illumination. **Specs:** 10 watts RMS/20 watts peak x 4 channels, CD Freq. Response (±3dB) 10-20,000 Hz, CD Signal-to-Noise 90 dB, FM Sens. 12 dBf. Warr: 1 year. **Installation Data:** Size code "I&E" (for your car, see pages 28-35). Chassis dim: 7⁹⁄₁₆"W x 2⅛"H.

FREE INSTALLATION KIT FOR YOUR CAR!

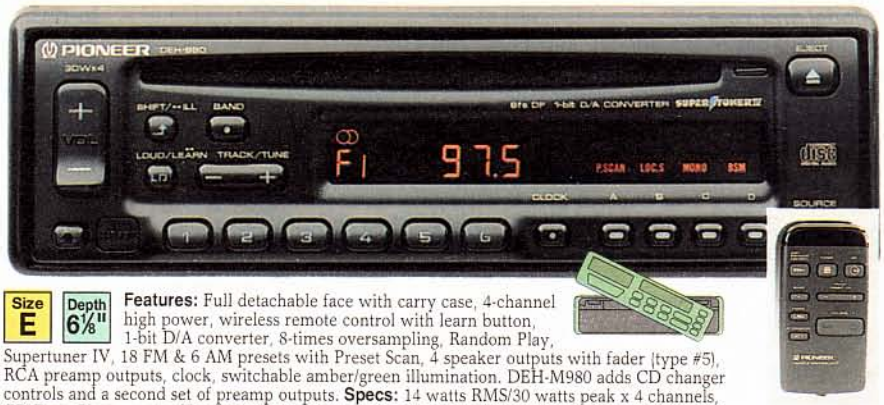
Pioneer DEH-880 • DEH-M980

You'll love listening to your CDs with the DEH-880, but you'll find that FM sounds pretty incredible too. That's because Pioneer's Supertuner IV is still the current state-of-the-art design. The other big news is the powerful built-in amplifier: 14 watts x 4 channels. That's all the power many people will ever want, but if you like to really crank it, a set of preamp outputs lets you add the amp of your choice. Full detachable face security makes theft prevention a snap.

Item #130DEH880 List Price: $772 (pictured)
YOUR PRICE: $529.95

*The **DEH-M980** adds CD changer controls, plus a second set of preamp outputs for multi-amp systems.*

Item #130DEHM980 List Price: $868
YOUR PRICE: $599.95

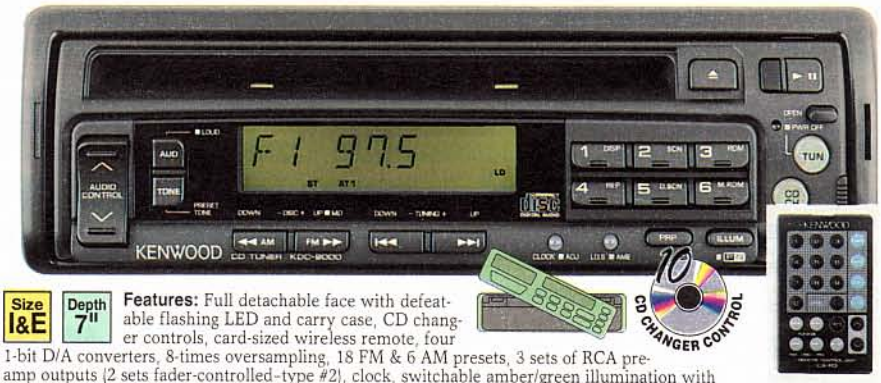


Size E **Depth** 6⅞" **Features:** Full detachable face with carry case, 4-channel high power, wireless remote control with learn button, 1-bit D/A converter, 8-times oversampling, Random Play, Supertuner IV, 18 FM & 6 AM presets with Preset Scan, 4 speaker outputs with fader (type #5), RCA preamp outputs, clock, switchable amber/green illumination. DEH-M980 adds CD changer controls and a second set of preamp outputs. **Specs:** 14 watts RMS/30 watts peak x 4 channels, CD Freq. Response (±1dB) 5-20,000 Hz, CD Signal-to-Noise 94 dB, FM Sensitivity 8 dBf. Warr: 1 year. **Installation Data:** Size code "E" (for your car, see pages 28-35). Chassis dim: 7⅜"W x 2⅛"H.

Kenwood KDC-9000

The KDC-9000 is Kenwood's best in-dash CD player, which means it's one of the very finest you can buy. Whether you use it to play single discs, or to control a Kenwood 10-disc changer, the KDC-9000 performs with effortless ease and a total disregard for bumps in the road. A card-sized wireless remote control handles CD functions and offers the bonus of 10-key direct station tuning. The 4-way display enhances readability in direct sunlight and matches more dashboard displays. Amplifier(s) required.

Item #113KDC9000
List Price: $600
YOUR PRICE: $549.95



Size I&E **Depth** 7" **Features:** Full detachable face with defeatable flashing LED and carry case, CD changer controls, card-sized wireless remote, four 1-bit D/A converters, 8-times oversampling, 18 FM & 6 AM presets, 3 sets of RCA preamp outputs (2 sets fader-controlled-type #2), clock, switchable amber/green illumination with positive/negative LCD. **Specifications:** CD Freq. Response (±1dB) 10-20,000 Hz, CD Signal-to-Noise 96 dB , FM Sensitivity 12 dBf. Warr: 1 year. **Installation Data:** Size code "I&E" (for your car, please see pages 28-35). Chassis dim: 7⅜"W x 2⅛"H.

Pioneer DEH-M990DSP

You're looking at the new frontier in car audio. It's an engineering marvel combining the magic of Digital Signal Processing with Pioneer's most advanced CD player and tuner designs. Powerful digital circuits let you fine-tune the sound with super accurate parametric bass and treble controls and a parametric 3-band EQ. The DSP circuits let you recreate the listening environment of your choice: Studio, Jazz Club, Concert Hall, or Stadium. You can also shift the "sweet spot" from the center to either the driver's or passenger's position. This amazing package also includes 4-channel high power, CD changer controls, Supertuner IV with self-adjusting Fuzzy Logic, full detachable face, and wireless remote control.

Item #130DEHM990 List Price: $1144
YOUR PRICE: $799.95

Size I&E **Depth** 6⅜" **Features:** Digital Signal Processing (DSP), full detachable face with carry case, CD changer controls, 4-channel high power, 1-bit D/A converter, 8-times oversampling, Supertuner IV with Fuzzy Logic, 18 FM & 6 AM presets with Preset Scan, Parametric Bass & Treble, Parametric 3-band EQ, 4 speaker outputs with bi-level fader (type #5/#2), 2 sets of RCA preamp outputs, wireless remote control, clock, switchable amber/green illumination. **Specs:** 14 watts RMS/30 watts peak x 4 channels, CD Freq. Resp. (±1dB) 5-20,000 Hz, CD S/N 94 dB, FM Sens. 8 dBf. Warranty: 1 year. **Installation Data:** Size code: "I&E" (for your car, please see pages 28-35). Chassis dim 7⅜"W x 2⅛"H.

JVC KD-GT7 *3-Disc Changer*

NEW

A CD *changer* with built-in AM/FM tuner that goes in the dash? No way! That's what we thought until we saw JVC's new KD-GT7. It really does take 3 discs at a time! The control face pivots downward to welcome a special disc magazine. This model's no slouch soundwise either, with a 1-bit D/A converter at work inside. The advanced tuner section gives you 24 preset stations plus Preset Scan to catch a sample of what's playing on each preset. So what's the catch? Well, there's no built-in amp. But the separate 4-channel high-power amp that's included has Hyper-Bass circuitry for low-end slam.

Item #105KDGT7 List Price: $800
YOUR PRICE: $699.95

Size I&E **Depth** 6¾" **Features:** Full detachable face with carry case, built-in 3-disc CD changer, 2-mode Random Play, 1-bit D/A converter, 18 FM & 6 AM presets with Preset Scan, 4 speaker outputs (separate 4-channel amp), 2 sets of RCA preamp outputs with fader (type #2), cellular phone muting clock. **Specs:** 12 watts RMS/25 watts peak x 4 channels, CD Freq. Resp. (±1dB) 5-20,000 Hz, CD S/N 98 dB, FM Sensitivity 12 dBf. Warr: 1 year. **Installation Data:** Size code: "I&E" (for your car, see pages 28-35). Chassis dim. 7⅜"W x 2"H; (amp) 7⅛"W x 1"H x 6¾"D.

Model and Year
Find your car Make, Model, and Year. The listings are grouped alphabetically by manufacturer. If you don't find your car here, please call us for installation information.

Easy-Fit Receiver Sizes
This column lists the Easy-Fit receiver sizes that fit in the dash. We define "Easy-Fit" as an installation that does not require any modification to your car. (Please note: a few cars require some modification for any non-factory receiver to fit.) If an installation kit is required, Crutchfield will include it FREE with your car stereo purchase.

In-dash Receiver Size Codes
The in-dash receiver size codes listed here (U, S, I, and E) correspond to the sizes shown on pages 6-27. Receiver sizes U and S are shaft-mount types, with controls on either side of a center nosepiece. Sizes I and E are flat-panel models. Size E is the European DIN size. Size I fits Japanese DIN openings in certain cars. Some in-dash receivers will fit both size I and E dash openings; those models are labeled "I&E" on the receiver pages.

Model and Year (If your car is not listed, please call)	**Easy-Fit Receiver Sizes**	**Max. Depth** inches	**Easy-Fit Speakers** (Factory locations and replacements) *Please call for other options* **Front**	**Rear**
ACURA				
Integra 94	E U S	7⅛	C 5¼[13,57] 6½[13,57]	D 6½[13]
Integra Sedan 90-93	E U S	7⅛	C 5¼[57] 6½[13,57]	E 6½ (RS, LS) E 6X9[8] (GS)
Integra Hatchback 86-89	E[5] U S[5]	6⅜	C 6½[6,57]	F 6½[13,66]
Integra Hatchback 90-93	E U S	7⅛	C 5¼[57]	F 6½
Legend 86-88	E U	6½	C 84[12,13,65]	E[19]
Legend 89-90	E U	6½	C 84[12,65] 5¼[6,65] 6½[6,65]	E[19]
Legend LS 86-90	E U	6½	C 5¼[6,65] 6½[6,65] C 84[65,12,13]	E 6½[19]
Legend 91-94 ◊	E U S	7⅞	C 90[61,13]	E 6x9[73,13]
Vigor 92-93	E U S	8	C 6½[58,13]	E 6x9
AUDI				
100/200 89-91	E[1] U S[1]	7¼	A 84[65] C 84[57]	
4000 All Sedan 80-87	E[1] U S[1]	6	N.R.	E 84[19]
5000S Sedan 84-86	E[1] U	7½	A 4M[65]	E 5¼[25] 6½[25]

Footnotes
If a footnote number is listed with the receiver size code, please turn to the bottom of page 35 for a special note about the fit.

Maximum Depth
The Maximum Depth listed here will help you find a receiver model that fits your car. Be sure that the depth shown with the in-dash receiver you choose does not exceed the Maximum Depth here.

Speaker Location Codes
The speaker location codes (letters A through N) are defined in the diagrams at the bottom of this page. Again, we list the "Easy-Fit" recommendations which require no major modification to your car. (It may be possible to use other speaker locations and sizes with some modification; please call for details.) Please note that listed speakers use the car's factory grilles and brackets.

Speaker Sizes
Speaker sizes listed correspond to the sizes in the Car Speaker section. *Please note: for Special Application speakers, we list the footnote number (81 through 92) in bold instead of a size; see page 35 for details.* Speaker sizes "5M," "4M," and "4x6M" listed here are also Special Applications; look for the "SA" symbol on the car speaker pages or give us a call. Speaker footnote references will be found on page 35.

Any Questions? Call Crutchfield Toll-Free.

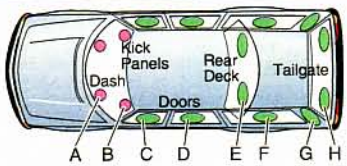
If you have any questions about what fits or cannot find your car here, don't worry. Simply call Crutchfield at 1-800-955-3000 and one of our friendly Sales Advisors will help. We can look up your car in our computer database and in seconds have all the information you need. Please don't hesitate to call. We're here to help.

Need an Antenna?

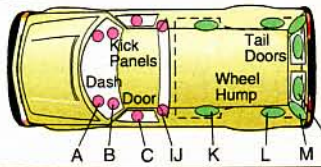
For most vehicles we stock an original equipment type, an AM/FM/CB tri-way type, and a motorized model. All we need to know is what kind of car you drive. A quick look in our database will tell us exactly which models fit and what all of your options are.

Speaker Location Codes
- **A** Front dash
- **B** Front kick panels
- **C** Front door panels
- **D** Rear door or rear seat side panels
- **E** Rear deck (below rear window)
- **F** For hatchbacks, on shock towers or side panels; for station wagons, on or behind rear wheel wells
- **G** For hatchbacks, on rear quarter panel; for station wagons, on rear pillar or roof
- **H** Tailgate
- **I** Upper rear pillars (extended cab)
- **J** Behind seat, in cab corners or lower side wall
- **K** Mid-rear side panels
- **L** Far-rear side panels
- **M** Rear pillar post or roof (vans, utility vehicles)
- **N** Tail doors

SEDAN/ HATCHBACK/ COUPE/ WAGON



PICKUP/ VAN/ UTILITY VEHICLE



Model and Year (If your car is not listed, please call)	Easy-Fit Receiver Sizes	Max. Depth inches	Easy-Fit Speakers (Factory locations and replacements) *Please call for other options* Front	Rear
ACURA				
Integra 94	E U S	7⅛	C 5¼[13,57] 6½[13,57]	D 6½[13]
Integra Sedan 90-93	E U S	7⅛	C 5¼[57] 6½[13,57]	E 6½[RS, LS] E 6X9[1(GS)]
Integra Hatchback 86-89	E[5] U S[5]	6⅜	C 6½[5,57]	F 6½[13,66]
Integra Hatchback 90-93	E U S	7⅛	C 5¼[57]	F 6½
Legend 86-88	E U	6½	C 84[12,13,65]	E[19]
Legend 89-90	E U	6½	C 84[12,65] 5¼[5,65] 6½[5,65]	E[19]
Legend LS 86-90	E U	6½	C 5¼[4,65] 6½[4,5,65] C 84[46,12,13]	E 6½[19]
Legend 91-94 ◊	E U S	7⅞	C 90[41,13]	E 6x9[23,13]
Vigor 92-93	E U S	8	C 6½[58,13]	E 6x9
AUDI				
100/200 89-91	E[1] U S[1]	7¼	A 84[45] C 84[57]	E 84[19]
4000 All Sedan 80-87	E[1] U S[1]	6	N.R.	E 84[19,65]
5000S Sedan 84-86	E[1] U	7½	A 4M[65]	E 5¼[25] 6½[25]
5000S Sedan 87	E[1] U	7¼	A 5M[13,65] C 5¼[8,57]	E 6½[25] 5¼[25]
5000CS Turbo Sedan 85-88	E[1] U	7¼	A 5M[13,65] C 5¼[8,57]	E 6½[25] 5¼[25]
80/90 Sedan 88-92	E[1] U S[1]	7	A 4M[56]	D 4M[56]
Coupe 81-87	E[1] U S[1]	6	N.R.	E 84[19]
BMW				
318i Coupe 84-85	E[1] U S[1]	8	B 5¼[65]	E 5¼[13,65]
318/325 Sedan and Coupe 92-94	E[1] U S[1]	7	B 5¼[65]	E 5¼[13,63]
325 Coupe 86	E[1] U S[1]	8	B 5¼[65]	E 5¼[13,65]
325 Coupe 87-88	E[1] U S[1]	6⅞	B 5¼[65]	E 5¼[13,63]
325 Sedan 87-91	E[1] U S[1]	6⅞	B 5¼[65]	E 5¼[13,63]
325E/ES Coupe 84-86	E[1] U S[1]	8	B 5¼[65]	E 5¼[13,65]
325i/is Coupe 90-91	E[1] U S[1]	6⅞	B 5¼[65]	E 5¼[13,63]
500 Series Sedan 79-84	E[1] U S[1]	6½	B 4X6M[57]	E 4X6M
524td Sedan with A/C 85-86	E[1] U S[1]	5⅞	B 4X6M[57]	E 4X6M
525i/535i Sedan 89-94	E[1] U S[1]	6½	B 5¼[59]	E 5¼[55]
528e/535i/is Sedan 87-88	E[1] U S[1]	6¾	B 4[59] 4X6[5,59]	E 5¼[55]
528e/535i Sedan with A/C 85-86	E[1] U S[1]	5⅞	B 4X6M[57]	E 4X6M
635CSi Coupe 87-89	E[1] U S[1]	6¾	B 4[55] 4X6[5,55]	E 5¼[71]
733i Sedan 78-84	E[1] U S[1]	6¾	B 4X6M[61]	E 4X6M[65]
733i/735i Sedan 86-87	E[1] U S[1]	6¾	B 4X6M[61]	E 4X6M[65]
735i/740iL Sedan 88-94	E[1] U S[1]	6½	B 5¼[61]	—
750/750iL Sedan 90-92	E[1] U S[1]	6½	B 5¼[61]	—
BUICK				
Century Coupe 87-94	[E U S][8]	6⅞	A 4X6	E 6X9[12,25]
Century Sedan 82-94	[E U S][8]	6⅞	A 4X6	E 6X9[12,25]
Century Wagon 82-86	[E U S][8]	6⅞	A 4X6	H 6X9[61]
Century Wagon 87-91	[E U S][8]	6⅞	A 4X6	H 6X9[8,61]
Century Wagon 92-94	[E U S][8]	6⅞	A 4X6	H 6X9
Electra Sedan 85-86 ◊	[E U S][8]	6¾	A 4X6[8]	E 6X9[12]
Electra Sedan 87 ◊	[E U S][8]	6¾	A 4X6[8] C 90[8,58]	E 6X9
Electra Sedan 88-90 ◊	[E U S][8]	6¾	A 4X6[8] C 5¼[8,58]	E 6X9
Estate Wagon 84-90	E U S	10¼	A 4X6[57]	H 6X9[61]
Lesabre Sedan 86-87 ◊	[E U S][8]	6¾	A 4X6[8] C 90[8,58]	E 6X9
Lesabre Sedan 88-91 ◊	[E U S][8]	6¾	A 4X6[8] C 5¼[8,58]	E 6X9
Lesabre w/4-spkr sys (dash, deck) 92-94	[E U S][2,8]	6½	A 4X6[55,13]	E 6X9[13]
Lesabre w/6-spkr sys (doors, deck) 92-94	[E U S][2,8]	6½	C 5¼[13,64]	E 6X9[13]
Park Avenue Sedan 87 ◊	[E U S][8]	6¾	A 4X6[8] C 90[8,58]	E 6X9
Park Avenue Sedan 88-90 ◊	[E U S][8]	6¾	A 4X6[8] C 5¼[8,58]	E 6X9
Park Avenue Sedan FWD 84-86 ◊	[E U S][8]	6¾	A 4X6[8] C 90[8,58]	E 6X9[12]
Park Ave w/4-spkr Sys (Dash, Deck) 91-94 ◊	[E U S][2,8]	6½	A 4X6[54]	E 6X9
Park Ave w/6-spkr Sys (Doors, Deck) 91-94 ◊	[E U S][2,8]	6½	C 5¼[64]	E 6X9
Park Ave Ultra w/4-spkr Sys (Dash, Deck) 91-94 ◊	[E U S][2,8]	6½	A 4X6[54]	E 6X9
Park Ave Ultra w/6-spkr Sys (Doors, Deck) 91-94 ◊	[E U S][2,8]	6½	C 5¼[64]	E 6X9
Regal Coupe 78-83	[U S][3]	9	A 3½	E 4X10[12,25]
Regal Coupe 84-87	E U S	8½	A 3½	E 4X10[4,12,25]
Regal Coupe 88	E[3] [U S][8]	6⅞	A 4[57] C 4X6[8,61]	E 6X9[12,73]
Regal Coupe 89-94	E[3] [U S][8]	6⅞	A 4[57] C 4X6[8,61]	E 6X9[12,73]
Regal Sedan 78-83	[U S][3]	9	A 3½	E 4X10[12,25]
Regal Sedan 88-94	E[3] [U S][8]	6⅞	A 4[57] C 4X6[8,61]	E 6X9[12,73]
Riviera w/o Bose™ 90-93	[E U S][3]	6½	C 5¼[50]	E 6X9[13]
Riviera Coupe 86-89 ◊	N.R.	—	C 5¼[50,8]	E 6X9[12]
Roadmaster Sedan 92-93	[E U S][2,8]	7	C 4X6[55]	E 6X9[13]
Roadmaster Wagon 92-93	[E U S][2,8]	7	C 4X6[55]	K 6X9[13, 69]
Skyhawk Coupe & Sedan 85-88	[E U S][8]	7⅜16	A 3½ C 4[53]	E 6X9[12,25]
Skyhawk Coupe & Sedan 89	[E U S][8]	7⅜16	A 3½	E 6X9[12,25]
Skyhawk Hatchback 86-87	[E U S][8]	7⅜16	A 3½ C 4[53]	G 4X10[12,63]
Skyhawk Wagon 83-89	[E U S][8]	7⅜16	A 3½[55,13]	F 4X10[8,12]
Skylark Coupe 88-89	E U S	7	A 4[57] C 5¼[8,57]	E 6X9[12,25]
Skylark Coupe 90-91	[E U S][8]	6⅝	A 4[57]	E 6X9[13]
Skylark Coupe 92-93	[E U S][8]	7⅛16	C 4X6[55]	E 6X9[13]

Model and Year (If your car is not listed, please call) (Buick continued)	Easy-Fit Receiver Sizes	Max. Depth inches	Easy-Fit Speakers (Factory locations and replacements) *Please call for other options* Front	Rear
Skylark Sedan 83-85	[E U S][2,8]	6½	A 4X6[60,13]	E (4X10, 6X9)[12,25,13]
Skylark Sedan 86 ◊	N.R.	—	A 4[57] C 5¼[8,57]	E 6X9[12,25]
Skylark Sedan 87-89 ◊	E U S	6	A 4[57] C 5¼[8,57]	E 6X9[12,25]
Skylark Sedan 90-91 ◊	[E U S][8]	6⅝	A 4[57]	E 6X9[13]
Skylark Sedan 92-94	[E U S][8]	7⅛16	C 4X6[55]	E 6X9[13]
Somerset Coupe 86 ◊	N.R.	—	A 4[57] C 5¼[8,57]	E 6X9[12,25]
Somerset Coupe 87 ◊	E U S	7	A 4[57] C 5¼[8,57]	E 6X9[12,25]
CADILLAC All w/o Bose™ systems				
Brougham Sedan 87-89 ◊	E U S	7¾	A 4X6	E 6X9[12,25]
Deville Coupe FWD 85-89 ◊	[E U S][8]	7¼	A 4X6[71,13]	E 6X9
Deville Coupe and Sedan 90-93 ◊	[E U S][8]	7¼	A 3½[25,55] 4X6[55] C 5¼[8,57]	E 6X9[72]
Deville Coupe RWD 78-85	U S	7¾	A 4X6[71]	E 4X10[12]
Deville Sedan FWD 85-89 ◊	[E U S][8]	7¼	A 4X6[71,13]	E 6X9[12,13,25]
Deville Sedan RWD 78-85	U S	7¾	A 4X6[77]	E 6X9[12,25]
Eldorado Coupe 84-85 ◊	E U S	9	A 4X6[54,13]	E 4X10[57]
Eldorado Coupe 86-89 ◊	E U S	5⅜	A 4X6[57,13]	E 6X9[12]
Eldorado Coupe 90-91 ◊	[E U S][2,8]	6⅜	C 5¼[51]	E 6X9[12]
Eldorado Coupe 92-94	[E U S][19]	6⅝	C 5¼[70]	E 6X9
Fleetwood Coupe 78-84	U S	7¾	A 4X6[71]	E 4X10[12]
Fleetwood Coupe 90-93 ◊	[E U S][8]	7¼	A 3½[25,55] 4X6[55] C 5¼[8,57]	E 6X9[72]
Fleetwood Coupe Brougham 85-86 ◊	U S	7¾	A 4X6[71]	E 6X9[12,25]
Fleetwood Sedan 78-84	U S	7¾	A 4X6[71]	E 6X9[12,25,13]
Fleetwood Sedan 85-89 ◊	[E U S][8]	7¼	A 4X6[71,13]	E 6X9
Fleetwood Sedan 90-93 ◊	[E U S][8]	7¼	A 3½[25,55] 4X6[55] C 5¼[8,57]	E 6X9[72]
Fleetwood Sedan Brougham 85-86 ◊	U S	7¾	A 4X6[71]	E 6X9[12,25]
Seville Sedan 84-85 ◊	E U S	9	A 4X6[54,13]	E 6X9[12,25]
Seville Sedan 86-91 ◊	E U S	5⅜	C 5¼[8,51]	E 6X9[12]
Seville Sedan w/o 92-94 ◊	[E U S][19]	6⅝	C 5¼[70]	E 6X9
CHEVROLET CARS				
Beretta Coupe 93-94	[E U S][8]	6¹1⁄16	B 4X6[12,65]	E 6X9[13]
Beretta Coupe 91-92	[E U S][8]	6¹1⁄16	B 4X6[12,65]	E 6X9[12,13,19]
Beretta Coupe 87-90	[E U S][8]	6½	A 81[61,13]	E 6X9[12]
Camaro Convertible 91-92	[E U S][8]	6½	A 4X6[55,19]	D 90[73,8]
Camaro Coupe 93-94 ◊	[E U S][8,19]	7	C 90[77]	D 90[72] G 90[19]
Camaro Coupe 82-92	[E U S][8]	6½	A 4X6[55,19]	D 6X9[7,77]
Caprice Coupe 84	E [U S][3]	7¾	A 4X6[7]	E 6X9[12,25]
Caprice Coupe and Sedan 85-90	[E U S][8]	6½	A 4X6[7,25]	E 6X9[12,25]
Caprice Sedan 81-84	E [U S][3]	7¾	A 4X6[7]	E 6X9[12,25]
Caprice Sedan 91-93	[E U S][8]	7⅛	C 4X6[57]	E 6X9[73]
Caprice Wagon 85-90	[E U S][8]	6½	A 4X6[7]	G - N.R.
Cavalier Convertible 91-94	[E U S][2,8]	6¹3⁄16	A 3½[13,55]	D 6X9[12,13,75]
Cavalier Coupe 91-94	[E U S][8]	6⅝	A 3½[13,55]	E 6X9[12,13,25]
Cavalier Coupe with A/C 82-90	[E U S][8]	7	A 3½[12,13,55]	E 6X9[12,13,25]
Cavalier Coupe w/o A/C 82-90	[E U S][8]	6¾	A 3½[12,13,55]	E 6X9[12,13,25]
Cavalier Hatchback with A/C 82-84	[E U S][8]	7	A 3½[12,13,55]	G 4X10[12,25,63]
Cavalier Hatchback w/o A/C 82-84	[E U S][8]	6¾	A 3½[12,13,55]	G 4X10[12,25,63]
Cavalier Sedan 91-94	[E U S][8]	6⅝	A 3½[13,55]	E 6X9[12,13,25]
Cavalier Sedan with A/C 82-90	[E U S][8]	7	A 3½[12,13,55]	E 6X9[12,13,25]
Cavalier Sedan w/o A/C 82-90	[E U S][8]	6¾	A 3½[12,13,55]	E 6X9[12,13,25]
Cavalier Wagon 91-94	[E U S][8]	6⅝	A 3½[13,55]	H 4X10[63]
Cavalier Wagon with A/C 82-90	[E U S][8]	7	A 3½[12,13,55]	H 4X10[61]
Cavalier Wagon w/o A/C 82-90	[E U S][8]	6¾	A 3½[12,13,55]	H 4X10[61]
Cavalier RS Convertible 86-87	[E U S][2,8]	6⅞	A 3½[13,55]	D 6X9
Cavalier RS Coupe 86-87	[E U S][2,8]	6⅞	A 3½[13,55]	E 6X9[12,25]
Cavalier RS Coupe 88-90	[E U S][2,8]	6¹3⁄16	A 3½[13,55]	E 6X9[12,25]
Cavalier Coupe (Type 10) 85	[E U S][2,8]	6⅞	A 3½[13,55]	E 6X9[12,13,25]
Cavalier Hatchback (Type 10) 85	[E U S][2,8]	6⅞	A 3½[13,55]	G 4X10[12,25,73]
Cavalier Sedan (Type 10) 85	[E U S][2,8]	6⅞	A 3½[13,55]	E 6X9[12,13,25]
Cavalier Z24 Convertible 86	[E U S][2,8]	6⅞	A 4X6[13,55]	D 6X9[12,13,75]
Cavalier Z24 Convertible 87-88	[E U S][2,8]	6⅞	A 3½[13,55]	D 6X9[12,13,75]
Cavalier Z24 Coupe 86	[E U S][2,8]	6⅞	A 4X6[13,55]	E 6X9[12,25]
Cavalier Z24 Coupe 87-88	[E U S][2,8]	6⅞	A 3½[13,55]	E 6X9[12,25]
Cavalier Z24 Coupe 89-90	[E U S][2,8]	6¹3⁄16	A 3½[13,55]	E 6X9[12,25]
Cavalier Z24 Hatchback 86	[E U S][2,8]	6⅞	A 4X6[13,55]	G 4X6[12]
Cavalier Z24 Hatchback 87	[E U S][2,8]	6⅞	A 3½[13,55]	G 4X6[12]
Celebrity Coupe 82-86	[E U S][8]	6⅞	A 4X6	E 6X9[12,25]
Celebrity Coupe 87-90	[E U S][8]	6⅞	A 4X6	E 6X9[12,25]
Celebrity Sedan 82-83	[E U S][8]	6⅞	A 4X6	E 6X9[12,25]
Celebrity Sedan 84-86	[E U S][8]	6½	A 4X6	E 6X9[12]
Celebrity Sedan 87-90	[E U S][8]	6⅞	A 4X6	E 6X9[12,25]
Celebrity Wagon 84-86	[E U S][8]	6½	A 4X6	H 6X9[61]
Celebrity Wagon 87-90	[E U S][8]	6⅞	A 4X6	H 6X9[61]
Chevette Hatchback 76-87	[U S][19]	6¼	A 3½[12,25]	G 4X6[69]
Corsica Hatchback 89-90	[E U S][8]	6½	A 81[61,13]	F 5¼[68] 6½[69]

◊ - If car is equipped with a Bose™ sound system, special procedures may be required for aftermarket stereo installation. Please call a Crutchfield Sales Advisor for info.

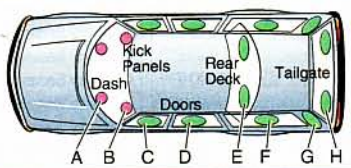
Model and Year (If your car is not listed, please call) (Chevrolet continued)	Easy-Fit Receiver Sizes	Max. Depth inches	Easy-Fit Speakers (Factory locations and replacements) *Please call for other options* Front	Rear
Corsica Sedan 93-94	[E U S][8]	6 1/16	B 4X6[12,65]	E 6x9[13]
Corsica Sedan 91-92	[E U S][8]	6 1/16	B 4X6[12,65]	E 6x9[12,17,19]
Corsica Sedan 87-90	[E U S][8]	6 1/2	A 8[61,13]	E 6X9[12]
Corvette Coupe 84-89 ◊	[E U S][8]	6 1/2	A - N.R.[19]	G 6X9
Corvette Coupe 90-93 ◊	[E U][19]	6	B 4X6[8,69]	G 6X9[69]
El Camino Pickup 78-85	E [U S][7]	9	A 3 1/2[7,8]	J 4X10
El Camino Pickup 86-88	[E U S][8]	6	A 3 1/2[13]	J 4X10
Impala Sedan 81-84	E [U S][7]	7 3/4	A 4X6[7]	E 6X9[12,25]
Impala Sedan 85	[E U S][8]	6 1/2	A 4X6[7,25]	E 6X9[12,25]
Lumina Coupe and Sedan 90-94 ◊	[E U S][8]	6 7/8	A 4X6	E 6X9[12,25]
Lumina APV Van 90-94	[E U S][8]	6 5/8	A 4X6[62]	N 90[63]
Monte Carlo Coupe 78-85	E [U S][7]	9	A 3 1/2	E 4X10[12,13,25,77] 6X9[12,13,25,63]
Monte Carlo Coupe 86-88	[U E S][8]	6	A 3 1/2	E 4X10[12,25,70] 6X9[12,13,25,62]
Nova Hatchback 85-88	[E U S][8]	6 3/4	A 8[57]	F 5X7[12,77]
Nova Notchback 85-88	[E U S][8]	6 3/4	A 8[57]	E 4[4,25]
Spectrum Sedan 85-88	E U	7	A 4[55]	E 84[12]
Sprint Hatchback 2 Door 85-88	E[1] U S[1]	8	A 4[8,59] C 84[8,57]	F 84[65]
Sprint Hatchback 4 Door 86-88	E[1] U S[1]	8	A 4[8,59] C 84[8,56]	H 5 1/4[57]
CHEVROLET TRUCKS AND VANS				
Astro Van 85-89	[E U S][8]	6 1/2	A 5 1/4[25,67]	M 4[8,13,57] N 90[8,12,68]
Astro Van 90-94	[E U S][8]	6 3/4	A 90[61]	M 4[13,61] N 90[8,12,68]
Blazer (Full Size) 82-87	U[5] S[1]	12	A 3 1/2[7] B 6 1/2[67] 5 1/4[67]	L - N.R.
Blazer (Full Size) 88	U[5] S[1]	12	A 3 1/2[7,12]	L 4X10[4,73]
Blazer (Full Size) 89-91	E U S	12	A 3 1/2[7,67,13]	L 4X10[4,73]
Blazer (Full Size) 92-94	[E U S][8]	7 1/8	A 4X6[67] 3 1/2[25,57]	M 4X10[57]
C-series Pickup 81-87	U[5] S[1]	12	A 3 1/2[7,59]	J 4X10[7,12,65]
C-series Pickup 88-94	E U S	6 1/2	A 4X6[13,59] 3 1/2[25,59]	J 4X6[65]
Cheyenne Pickup 88-94	[E U S][8]	7 1/8	A 4X6[13,59] 3 1/2[25,59]	J 4X6[55]
Pickup Extended Cab (Full Size) 88-94	[E U S][8]	7 1/8	A 3 1/2[25,59] 4X6[13,59]	I 4X6[62]
R-Series Pickup (Full Size) 87	U S[1]	12	A 3 1/2[7,59]	J 4X10[7,12,65]
S10 Pickup 94	[E U S][19]	4 13/16	A 4x6[13,56]	J 4X10[(Ext. Cab)12,13,65]
S10 Pickup 86-93	[E U S][8]	6 5/8	A 4x6[12,61,13]	J 4X10[7,12]
S10 Pickup with A/C 82-85	[E U S][8]	6 5/8	A 4x6[12,61,13]	J 4X10[7]
S10 Pickup without A/C 82-85	E U S	7 1/8	A 4x6[12,61,13]	J 4X10[7]
S10 Blazer Utility 86-90	[E U S][8]	6 5/8	A 4x6[12,61,13]	K 6X9[12,25,69]
S10 Blazer Utility 2 Door 91-94	[E U S][8]	6 5/8	A 4x6[12,61,13]	K 6X9[12,25,69]
S10 Blazer Utility 4 Door 91-94	[E U S][8]	6 5/8	A 4x6[12,61,13]	D 90[69]
S10 Blazer Utility with A/C 82-85	[E U S][8]	6 5/8	A 4x6[12,61,13]	K 6X9[25,69]
S10 Blazer Utility w/o A/C 82-85	E U S	7 1/8	A 4x6[12,61,13]	K 6X9[25,69]
S10 Pickup Extra Cab 86-93	[E U S][8]	6 5/8	A 4x6[12,61,13]	I 4X10[12,66]
S10 Pickup Extra Cab with A/C 82-85	[E U S][8]	6 5/8	A 4x6[12,61,13]	I 4X10[12,66]
S10 Pickup Extra Cab w/o A/C 82-85	E U S	7 1/8	A 4X6[13,12,61]	I 4X10[12,66]
Suburban Utility 81-88	U S[1]	12	A 3 1/2[7,12]	K 4X10[4,73,19]
Suburban Utility 89-91	E U S	12	A 3 1/2[7]	K 4X10[73,19]
Suburban W/4-speaker System 92-94	[E U S][8]	7 1/8	A 3 1/2[25,57] 4X6[57]	M 4X10[8,61]
Suburban W/6-speaker System 92-94	[E U S][8]	7 1/8	A 4X6[58] 3 1/2[25,59]	K 90[58] M 4X10[61]
Van G-series (Full Size) 78-87	[U S][1]	10	A 4X6[57]	–
Van G-series (Full Size) 88-94	E U S	8	A4X6[19]	–
CHRYSLER				
Concorde 94	E U S	6 3/16	A 3 1/2[12] C 4[25,65,13]	E 6X9[13]
Fifth Avenue Sedan 85-89	E U S	7 1/4	A 3 1/2[10]	E 5X7[12] 6X9[12,25]
Fifth Avenue Sedan 90-93	U S	7 1/4	A 3 1/2[13,53] C 5 1/4[58]	E 6X9[12,65]
Imperial Sedan 90-93	E U S	6	A 3 1/2[53] C 5 1/4[61]	E 6X9[65]
Laser Coupe 85-86	E U S	5 7/8	A 3 1/2[65] C 5 1/4[67]	D 5X7[12]
Lebaron Convertible 82-83	E U S	6 1/2	A 3 1/2[8,56] C 5 1/4[8,54]	D 5 1/4[12,13,65]
Lebaron Convertible 84-86	E U S	6 1/2	A 3 1/2[8,56] C 5 1/4[8,54]	D 5 1/4[12,13,65]
Lebaron Convertible 87-94	E U S	6 1/2	A 3 1/2[13,63] C 5 1/4[13,58]	D 5 1/4[12,13,69]
Lebaron Coupe 90-94	E U S	5 7/8	A 3 1/2[63] C 5 1/4[58]	E 6X9[12]
Lebaron Coupe 89	E U S	6 1/2	A 3 1/2[63] C 5 1/4[58]	E 6X9[12]
Lebaron Hatchback 85-89	E U S	7	A 3 1/2[57] C 5 1/4[57]	F 6X9
Lebaron Sedan 82-83	E U S	6 1/2	A 3 1/2[8,56]	E 5X7 6X9[12,25]
Lebaron Sedan 84	E U S	6 9/16	A 3 1/2[12,25] C 5 1/4[8,62]	E 5X7[12] 6X9[12,25]
Lebaron Sedan 87	E U S	6 9/16	A 3 1/2[10] C 5 1/4[8,62]	E 5X7[12] 6X9[12,25]

Model and Year (If your car is not listed, please call) (Chrysler continued)	Easy-Fit Receiver Sizes	Max. Depth inches	Easy-Fit Speakers (Factory locations and replacements) *Please call for other options* Front	Rear
Lebaron Sedan 88	E U S	6 9/16	A 3 1/2[10] C 5 1/4[8,62]	E 5X7[12] 6X9[12,25]
Lebaron Sedan 89-91	E U S	7 3/4	A 3 1/2[73] C 5 1/4[73]	E 6X9[12]
Lebaron Sedan 92-94	E U S	6 3/4	C 5 1/4[58]	D 5 1/4[69]
Lebaron Wagon Town & Country 85-88	E U S	6 9/16	A 3 1/2[10]	F 5X7[8,13]
LHS Sedan 94	E U S	5 7/8	A 3 1/2[53,8,13] C 4[25,13,62]	E 6X9[13]
New Yorker Sedan 87	E U S	6 9/16	A 3 1/2[10] C 5 1/4[8,62]	E 5X7[12] 6X9[12,25]
New Yorker Sedan 88-90	E U S	7 1/4	A 3 1/2[13,53] C 5 1/4[58]	E 6X9[13,65]
New Yorker Sedan FWD ("k" Car) 84	E U S	6 1/2	A 3 1/2[8,56] C 5 1/4[8,54]	E 6X9[12,25] 5X7
New Yorker Sedan FWD 83	E U S	6 9/16	A 3 1/2[12,25]	E 5X7[12] 6X9[12,25]
New Yorker Sedan Fifth Avenue 83-84	E U S	7 1/4	A 3 1/2[10]	E 5X7[12] 6X9[12,25]
New Yorker Sedan Turbo ("k" Car) 88	E U S	6 9/16	A 3 1/2[10] C 5 1/4[8,62]	E 5X7[12] 6X9[12,25]
New Yorker Sedan 90	E U S	7 1/4	A 3 1/2[13,53] C 5 1/4[58]	E 6X9[13,65]
New Yorker Sedan 91-93	E U S	7 1/4	A 3 1/2[13,53] C 5 1/4[58]	E 6X9[13,65]
New Yorker Sedan 94	E U S	5 7/8	A 3 1/2[53,8,13] C 4[25,13,62]	E 6X9[13]
Town And Country Van 90	E U S	7 3/8	A 4[13,25,59] 5 1/4[13,59]	H 6X9[8,66]
Town And Country Van 91-94	E U S	7 1/2	A 5 1/4[59] 84[25,59] 4[25,59]	N 6X9[13,66]
DAIHATSU				
Charade Hatchback 88-92	E U	6 3/4	A 4[12,19,57]	F 84[8,12,62]
Charade Sedan 90-92	E U	6 3/4	A 4[12,19,57]	–
Rocky Utility 90-92	S[1]	7 1/4	A 4[69]	–
DODGE CARS				
400 Sedan 82-83	E U S	6 1/2	A 3 1/4[8,56]	E 5X7[12] 6X9[12,25]
600 Convertible 84-86	E U S	6 1/4	A 3 1/4[8,56] C 5 1/4[8,54]	D 5 1/4[12,65]
600 Sedan 84-86	E U S	6 9/16	A 3 1/4[12,25] C 5 1/4[2,8,62]	E 5X7[12] 6X9[12,25]
600 Sedan 83	E U S	6 9/16	A 3 1/4[12,25]	E 5X7[12] 6X9[12,25]
600es Sedan 87-88	E U S	6 9/16	A 3 1/4[10] C 5 1/4[8,62]	E 5X7[12] 6X9[12,25]
Aries Sedan 81-83	E U S	6 1/2	A 3 1/2[8,56]	E 5X7[12] 6X9[12,25]
Aries Sedan 84-87	E U S	6 9/16	A 3 1/2[10] C 5 1/4[2,8,62]	E 5X7[12] 6X9[12,25]
Aries Wagon 84-88	E U S	6 1/2	A 3 1/2[8,56] C 5 1/4[8,54]	F 5X7[8,13]
Aries America Sedan 88-89	E U S	6 9/16	A 3 1/2[10]	E 5X7[12] 6X9[12,25]
Charger Hatchback 84-87	E U S	5 9/16	C 5 1/4[73]	–
Colt Hatchback 79-84	N.R.	-	A - N.R.	F 4[12]
Colt Hatchback 85-86	[U S][19,20,21]	8	A[19] D5 1/4[12,25]	
Colt Hatchback 2" Tall Openings 89-92	E[6] U	6 1/2	A 81 C 5 1/4[55]	F 5 1/4[25,67,13] 6 1/2[25,67,13]
Colt Hatchback 4" Tall Opening 89-92	E[4] U	6 1/2	A 81 C 5 1/4[55]	F 6 1/2[25,67,13] 5 1/4[25,67,13]
Colt Sedan 85-86	[U S][19,20,21]	8	A[19]	E 5 1/4
Colt DI Hatchback 87-88	E[1] U	8 1/2	A[19]	D5 1/4[12,25]
Colt DI Sedan 87-88	E[1] U	8 1/2	A[19]	E 5 1/4
Colt DI Wagon 88-90	E[1] U	8 1/2	A[19]	
Colt E Hatchback 87-88	E[1] U	8 1/2	A[19]	D5 1/4[12,25]
Colt E Sedan 87-88	E[1] U	8 1/2	A[19]	E 5 1/4
Colt Premier Sedan 87-88	E U	8 1/2	A[19]	E 5 1/4
Colt Vista Wagon 84-91	E U	6 1/16	A 3 1/2[25,19]	D 81[8,58]
Colt Coupe & Sedan 93-94	E U S	7 1/4	A 81[53,13]	E6x9[13,19,59] 90[59,19]
Daytona Coupe 84-89	E U S	6 7/8	A 3 1/2[65] C 5 1/4[67]	D 5X7[12]
Daytona Coupe 90-93	E U S	5 7/8	A 3 1/2[64] C 5 1/4[65]	D 5X7[12]
Diplomat Sedan 80-89	E U S	7 1/4	A 3 1/2[10]	E 5X7[12] 6X9[12,25]
Dynasty Sedan 88-93	U S	7 1/4	A 3 1/2[13,53] C 5 1/4[58]	E 6X9[13,65]
Intrepid Sedan 93-94	E U S	6 9/16	A 3 1/2[13] C 4[25,65,13]	E 6x9[13]
Lancer Hatchback 85-89	E U S	7	A 3 1/2[67] C 5 1/4[67]	F 6X9
Monaco Sedan 90-92	U	6 3/4	C 5 1/4[67]	E 6X9[12]
Omni Hatchback 80-83	E U S	5 5/16	C 5 1/4[73,8]	E 6 1/2[12,19]
Omni/America Hatchback 84-90	E U S	5 5/16	C 5 1/4[73]	E 6 1/2[12,19]
Shadow Hatchback 87-89	E U S	6 3/4	C 5 1/4[61]	F 5X7[12]
Shadow Convertable 91-93	E U S	6 3/4	C 5 1/4[12,61]	D 5x7[63,13]
Shadow Hatchback 90-94	E U S	6 3/4	C 5 1/4[61]	F 5X7[8,12]
Spirit Sedan 89-94	E U S	6 3/4	C 5 1/4[58]	D 5 1/4[69]
Stealth Coupe 91-94	E[1] U[1]	7 1/2	C 6 1/2[13,25,58] 5 1/4[13,25,58]	D 6X9[7,65]
DODGE TRUCKS AND VANS				
B-series Van w/Factory Radio 84-94	E U S	9 1/2	A 3 1/2[12,25] C 6X9[8,78,12]	–
B-series Van w/out Factory Radio 84-89	[E U S][21]	9 1/2	A 3 1/2[12,25] C 6X9[8,78,12]	–
B-series Van w/out Factory Radio 90-94	[E U S][21]	9 1/2	C 6X9[8,78,12]	–
Caravan Van 84-90	E U S	7 3/8	A 4[13,25,59] 5 1/4[13,59] 3 1/2[25,59]	H 6X9[13,8,65]

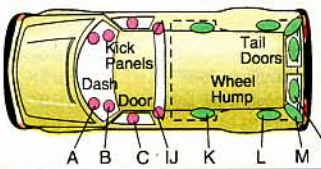
Speaker Location Codes

- **A** Front dash
- **B** Front kick panels
- **C** Front door panels
- **D** Rear door or rear seat side panels
- **E** Rear deck (below rear window)
- **F** For hatchbacks, on shock towers or side panels; for station wagons, on or behind rear wheel wells
- **G** For hatchbacks, on rear quarter panel; for station wagons, on rear pillar or roof
- **H** Tailgate
- **I** Upper rear pillars (extended cab)
- **J** Behind seat, in cab corners or lower side wall
- **K** Mid-rear side panels
- **L** Far-rear side panels
- **M** Rear pillar post or roof (vans, utility vehicles)
- **N** Tail doors

SEDAN/ HATCHBACK/ COUPE/ WAGON



PICKUP/ VAN/ UTILITY VEHICLE



FWD - Front Wheel Drive RWD - Rear Wheel Drive A/C - Air Conditioning N.R. - Not Recommended / Call For Info

Footnotes for these charts are on page 35.

Model and Year (If your car is not listed, please call) (Dodge trucks continued)	Easy-Fit Receiver Sizes	Max. Depth inches	Easy-Fit Speakers (Factory locations and replacements) Please call for other options Front	Rear
Caravan Van 91-94	E U S	7½	A 5¼[59] 8[25.59] 4[25.56]	N 6X9[13.68]
D-series Pickup (Full Size) 74-93	E U S	7¾	C 6x9[12,13]	
Pickup 94	E U S	7¾	C 6x9[13,63]	J 4[13,67,25]
D50 Pickup 87-93	E U	7¾	A 8[1,57]	J 6½[25,78] 5¼[25,78]
Dakota Pickup 87-94	E U S	7⅛	C 5¼[58,13]	J 5X7[8,13,12,65]
Raider Utility 87	E[1] U	7¾	A 3½[12,25,59]	K 5¼[8,12,65]
Raider 2 Door 2" Tall Openings 88-89	I[2] E[1] U	7¾	A 3½[12,25,59]	K 90[8,75]
Raider 2 Door 4" Tall Opening 88-89	E U	7¾	A 3½[12,25,59]	K 90[8,75]
Raider 4 Door 2" Tall Opening 88-89	I[2] E[1] U	7¾	A 3½[12,25,59]	L 90[8,75]
Raider 4 Door 4" Tall Opening 88-89	E U	7¾	A 3½[12,25,59]	L 90[8,75]
Ram 50 Pickup 83-86	N.R.	—	C 8[4][12,59]	—
Ram 50 Pickup 87-93	I[6] U	7¾	A 8[1,57]	J 6½[25,78] 5¼[25,78]
Ramcharger Utility 80-93	E U S	7¾	C 6x9[12,13,10]	—
EAGLE				
Medallion Sedan 88-89	U	6⅞	C 5¼[4,57] 6½[8,57]	E 5¼[4,67] 6½[8,67]
Premier Sedan 88-92	U	6¾	C 5¼[4,57]	E 6X9[12]
Summit Sedan 89-92	E[4] U	6½	A 4 M 81 C 5¼[63]	E 5¼[4,25] 6½[8,25]
Summit Coupe & Sedan 93-94	E U S	7¼	A 8[1,53,13]	E 6X9[13,18] 9[0,59,19]
Summit Van 2" Tall Openings 92-94	E[1] U[1] S[1]	8⅛	A 8[1,12,67]	F 6X9[13,66]
Summit Van 4" Tall Opening 92-94	E[4] U	6½	A 8[1,12,67]	F 6X9[13,66]
Talon 2" Tall Openings 90-94	I U	7⅝	A 8[1,69] C 5¼[4,61]	D (6½ 6x9)[8,13,25,67]
Talon 4" Tall Opening 90-94	I U	7⅝	A 8[1,69] C 5¼[4,61]	D (6½ 6x9)[8,13,25,67]
Vision Sedan 93-94	E U S	6[3]/16	A 3½[13] C 4[25,65,13]	E 6x9[13]
FORD CARS				
Country Squire Wagon 85	I U	10	A 8[4,25] 4[25] 3½[25]	F 89[66]
Country Squire Wagon 86-88	E[4] U	10	A 3½[25] 4[25] 8[4,25]	F 89[66]
Country Squire Wagon 89	I U	10	A 8[4,25] 4[25] 3½[25]	F 89[66]
Country Squire Wagon 90	E[4] U	7	C 9[2,77]	F 89[12,13]
Crown Victoria Sedan 92-94	E[1] U S[1]	8	C 8[9,63]	E 6X9
Escort Coupe 82-83	U[5]	7¾	A 3½[7]	F 89[12,10]
Escort Coupe 87-90	I U	10	C 9[2,58]	F 5X7[12,13]
Escort Hatchback 82-83	U[5]	7¾	A 3½[7]	F 89[12,10]
Escort Hatchback 85	E[4] U	10	C 9[2,58]	F 89[12,10]
Escort Hatchback 89-90	I U	10	C 9[2,58]	F 5X7[12,13]
Escort Hatchback 84	[U S][3]	10	C 9[2,58]	F 89[12]
Escort Hatchback Prod 4/87 & After 87-88	I U	10	C 9[2,58]	F 5X7[12,13]
Escort Hatchback Prod Thru 3/87 86-87	E[4] U	10	C 9[2,58]	F 89[12,10]
Escort Sedan 92-94	E U	6⅜	C 5¼[25,56] 8[5,13,56]	E 8 5¼[13,25]
Escort Wagon 85	I U	10	C 9[2,58]	F 89[8,12]
Escort Wagon 89-90	I U	10	C 9[2,58]	F 89[12]
Escort Wagon Prod 4/87 & After 87-88	I U	10	C 9[2,58]	F 89[12]
Escort Wagon Prod Thru 3/87 86-87	I U	10	C 9[2,58]	F 89[12]
Escort/Pony Hatchback 91-94	E U	6⅜	C 5¼[25,56] C 8[5,56]	F 5X7[12,13,79]
Escort Wagon 91-94	E U	6⅜	C 5¼[25,56] 8[5,56]	G 5X7[12,13]
EXP Coupe 85	I U	10	C 9[2,58,13]	F 89[7,12,58,13]
EXP Hatchback 86-88	I U	10	C 9[2,58]	F 89[7,12]
Festiva Hatchback 88-93	E U	6½	A 4[59]	F 4[12,58] 8[4,12]
LTD Sedan 85-86	I U	12	A 3½ C 9[2,8,75]	E 89[12] 6X9[12,25]
LTD Wagon 85-86	I U	12	A 3½ C 9[2,8,75]	F 6X9
LTD Crown Sedan 85	I U	10	A 3½[25] 4[25] 8[4,25]	E 6X9[12]
LTD Crown Sedan 86-89	E[4] U	10	A 3½[25] 4[25] 8[4,25] C 9[2,73]	E 6X9[12]
LTD Crown Sedan 90-91	E U	7½	C 9[2,77]	E 6X9[12,19]
LTD Crown Wagon 85	E[4] U	10	A 3½[25] 4[25] 8[4,25] C 9[2,73]	F 6X9[66]
LTD Crown Wagon 86-89	I U	10	A 3½[25] 4[25] 8[4,25]	F 6X9[12,66]
LTD Crown Wagon 90-91	E[4] U	7	C 9[2,77]	F 89[12,13]
Mustang Convertible 89-93	[E U S][19]	7¾	A 3½[53] C 9[2,58]	D 5x7[8,62] 9[2,62]
Mustang Coupe 85-86	I U	10½	A 3½ C 9[2,8,58]	E 89[12] 6X9[12,25]
Mustang Coupe 87-93	[E U S][19]	7¾	A 3½[53] C 9[2,58]	E 89[12] 6X9[12,25]
Mustang Hatchback 85-86	I U	10½	A 3½[52] C 9[2,4,58]	F 89[12]
Mustang Hatchback 87-93	[E U S][19]	7¾	A 3½[53] C 9[2,58]	D 89[12,13,77]
Probe Hatchback 93-94	E[1,6] U S[1]	6¾	C 6½[13,62]	D 89[13]
Probe Hatchback 89-92	E U	6¾	C 6½[57]	D 6½[19] 4x6[19]
Taurus Sedan 86-89	E[4] U	7	A 3½[55] C 9[2,4,61]	E 89[61] 6X9[12]
Taurus Sedan 92-94	E[1] U S[1]	7[9]/16	C 9[2,62] 6½[62]	E 89[70]
Taurus Sedan 90-91	E U	6⅝	A 3½[8,61,13] C 9[2,8,65,13]	E 89[8] 6X9[8,12]
Taurus Wagon 86-89	E[4] U	7	A 3½[8,55] C 9[2,8,61]	G 92[57]
Taurus Wagon 92-94	E[1] U S[1]	7[9]/16	C 9[2,62] 6½[62]	G 92[60]
Taurus Wagon 90-91	E U	6⅝	A 3½[8,61,13] C 9[2,4,65,13]	G 92[61,13]
Tempo Sedan Or Coupe 85-86	I[6] U	9	A 3½[53] C 9[2,4,57]	E 89[12] 6X9[12,25]
Tempo Sedan Or Coupe 87	I[6] U	9	C 9[2,8,57]	E 89[12] 6X9[12,25]
Tempo Sedan Or Coupe 88-94	E U	8	C 9[2,57]	E 89[12,66]
Thunderbird Coupe 85-88	I[6] U	9⅜	A 3½[13,55] C 9[2,69]	E 89
Thunderbird Coupe 89-93	E U	6½	C 5X7[8,13,65] 8[9,8,13,65]	D 5X7[4,73] 8[9,4,73]
Thunderbird 94	E[1] U S	7½	C 8[9,13,72]	D 8[9,10,69]

Model and Year (If your car is not listed, please call) (Ford continued)	Easy-Fit Receiver Sizes	Max. Depth inches	Easy-Fit Speakers (Factory locations and replacements) Please call for other options Front	Rear
FORD TRUCKS AND VANS				
Aerostar Van 86-91	E[6] U	10⅜	A 8[4,25] 3½[25] 4[25]	K 6X9[13] N 3½
Aerostar Van 92-94	E[4] U S	9⅝	A 4[25,63] 3½[13,25,63]	K 6X9[13]
Bronco Utility 85-86	I U	8¼	C 9[2,73]	L 8[9,8,73]
Bronco Utility 87-91	I U	6½	C 9[2,77]	K 8[9,71]
Bronco Utility 92-94	E U S[1]	6⅜	C 9[2,13,72]	K 8[9,17,61]
Bronco II Utility 83-84	U[3]	9	A 3½[13,25] 4[7,13,25]	K 5X7[7,8,13(XLT)] 8[9,7,8,13]
Bronco II Utility 85-88	U	9	A 3½[13,25] 4[7,13]	K 5X7[7,8,13(XLT)] 8[9,7,8,13]
Bronco II Utility 89-90	U	7¼	C 9[2,59]	K 5X7[7,8,13(XLT)] 8[9,7,8,13]
Econoline Van 82-84	U[3]	10	C 9[2,8,73]	K 8[9]
Econoline Van 85-91	I U	14	C 9[2,8,73]	K 8[9]
Econoline Van 92-94	U S	7⅝	C 8[9,63]	K 8[9,67,13] N 8[9,13,66]
Explorer 91-92	U	7¼	C 8[9,13,69]	D 8[9,13,73]
Explorer 93-94	E[1] U S[1]	7¾	C 8[9,13,69]	D 8[9,13,73]
F-series Pickup 82-84	U	8¼	C 9[2,73]	–
F-series Pickup 85-86	I U	8¼	C 9[2,73]	–
F-series Pickup 87-91	I U	6½	C 9[2,77]	–
F-series Pickup 92-94	E U S[1]	6¾	C 9[2,13,72]	J 8[9,13,72]
F-series Pickup Ext Cab 89-91	I U	6½	C 9[2,77]	–
F-series Pickup Ext Cab 92-94	E U S[1]	6¾	C 9[2,13,72]	J 5x7[13,67]
Ranger Pickup 85	U	9	A 3½[13,25] 4[13,25]	–
Ranger Pickup 86-88	U	9	A 3½[13,25] 4[13,25]	J 8[4,61] 5X7[61]
Ranger Pickup 89-91	U	7¼	C 9[2,58]	J 8[4,61]
Ranger Pickup 92	U	7¼	C 9[2,58]	J 5X7[12,13,58]
Ranger Pickup 93-94	E[1] U S[1]	7¾	C 8[9,13]	J 8[9,13,58,12]
Ranger Supercab Pickup 86-88	U	9	A 4[13,25] 3½[13,25]	J 8[9,8,73]
Ranger Supercab Pickup 89-92	U	7¼	C 9[2,59]	J 8[9,61]
Ranger Supercab Pickup 93-94	E[1] U S[1]	7¾	C 8[9,13]	J 8[9,76,12,13]
GEO				
Metro Hatchback 89-91	E[1] U S[1]	7½	A 4[13,59]	D 4[73]
Metro Hatchback 92-94	E U S	7⅜	A 4[13,59]	D 4[73] F 3½[25]
Prizm Hatchback 89	E[21] U S	7	A 4	F 4X6[19]
Prizm Hatchback 90-91	E[21] U S	7	A 8[1,12]	F 4X6[19]
Prizm Sedan 89	E[21] U S	7	A[15]	E 8[4] 5¼
Prizm Sedan 90-92	E[21] U S	7	A 8[1,65]	E 5¼[4,65] 8[4,13,65]
Prizm Sedan 93-94	I[19] U S	7⅞	C 8[4,25,57]	E 6½[13]
Spectrum Hatchback 89	E U	7	A 4	F 4[9,12]
Spectrum Sedan 89	E U	7	A 4[65]	E 8[4,12]
Storm Hatchback 92-93	I U	7¾	C 9[0,63]	D 4[13]
Storm Hatchback 90-91	I U	7¾	C 9[0,63]	H 4[61]
Tracker Utility 89-91	[E U S][21]	7¾	A 4	F 3½[25]
Tracker Utility 92-94	E U S	7⅞	A 4[13,84,13]	K[4,77] 8[4,8]
GMC				
C-series Pickup (Full Size) 81-87	U[5] S[1]	12	A 3½[7,59]	J 4X10[7,12,65]
Jimmy Utility (Full Size) 82-87	U[5] S[1]	12	A 3½[7]	L - N.R.
Jimmy Utility (Full Size) 88	U[5] S[1]	12	A 3½[7,12]	L 4X10[8,73]
Jimmy Utility (Full Size) 89-91	E U S	12	A 3½[7,67,13]	L 4X10[8,73]
K-series Pickup 88-94	E U S	6½	A 4X6[13,59] 3½[25,59]	J 4X6[55]
Pickup Ext Cab (Full Size) 88-94	E U	6½	A 3½[25,59] 4X6[13,59]	I 4X6[62]
R-series Pickup 88-94	E U S	6½	A 4X6[13,59] 3½[25,59]	J 4X6[55]
S15 Pickup 94	[E U S][19]	4[3]/16	A 4X6[13,56]	J 4X6[55]
S15 Pickup 86-93	[E U S][8]	6⅝	A 4X6[13,12,61]	J 4X10[7,12]
S15 Pickup with A/C 82-85	[E U S][8]	6⅝	A 4X6[13,12,61]	J 4X10[7]
S15 Pickup without A/C 82-85	E U S	7⅞	A 4X6[13,12,61]	J 4X10[7]
S15 Pickup Extra Cab 86-87	[E U S][8]	6⅝	A 4X6[13,12,61]	I 4X10[12,66]
S15 Pickup Extra Cab w/A/C 82-85	[E U S][8]	6⅝	A 4X6[13,12,61]	I 4X10[12,66]
S15 Pickup Extra Cab w/o A/C 82-85	E U S	7⅞	A 4X6[13,12,61]	I 4X10[12,66]
S15 Jimmy Utility 86-94	[E U S][8]	6⅝	A 4X6[13,12,61]	K 6X9[12,25,69]
S15 Jimmy Utility 4 Door 91-94	[E U S][8]	6⅝	A 4X6[13,12,61]	D 90[69]
S15 Jimmy Utility w/A/C 82-85	[E U S][8]	6⅝	A 4X6[13,12,61]	K 6X9[25,69]
S15 Jimmy Utility w/o A/C 82-85	E U S	7⅞	A 4X6[13,12,61]	K 6X9[25,69]
Safari Van 85-89	[E U S][8]	6½	A 5¼[25,57]	M 4[8,13,57] N 9[0,8,12,66]
Safari Van 90-94	[E U S][8]	6¾	A 9[0,61]	M 4[13,61] N 9[0,8,12,66]
Sierra Pickup 88-94	E U S	6½	A 4X6[13,59] 3½[25,59]	J 4X6[55]
Suburban Utility 81-88	U[5] S[1]	12	A 3½[7,12]	K 4X10[8,73,19]
Suburban Utility 89-91	E U S	12	A 3½[7]	K 4X10[73,19]
Suburban W/4-speaker System 92-94	E U S	6	A 3½[25,57] 4X6[57]	M 4X10[8,61]
Suburban W/6-speaker System 92-94	E U S	6½	A 4X6[19] 3½[25,59]	K 9[0,65] M 4X10[8,61]
Van G-series (Full Size) 78-87	[U S][1]	10	A 4X6[57]	–
Van G-series (Full Size) 88-94	E U S	8	A 4X6[19]	–
Yukon Utility (Full Size) 92-94	E U S	6½	A 4X6[57] 3½[25,57]	M 4X10[57]
HONDA				
Accord DX, LS Sedan 94	[E U S][19]	6⅝	C 5¼[13,57] 6½[13,57]	E 6½[13]
Accord EX Sedan 94	[E U S][19]	6⅝	C 5¼[13,57] 6½[13,57]	E 6x9[13]
Accord Coupe 88-89	E[5] U S[5]	7¾	C 6½[13,58]	E 6X9[4,71] 6½[66]

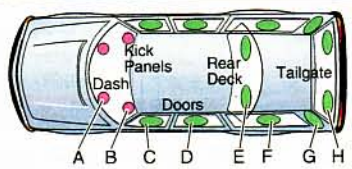
Model and Year (If your car is not listed, please call) (Honda continued)	Easy-Fit Receiver Sizes	Max. Depth inches	Easy-Fit Speakers (Factory locations and replacements) Please call for other options Front	Rear
Accord Hatchback 82-85	E[5] U S[5]	7	C 8[4,5,7]	E 6X9[4,7,71] 6½[4,5,66]
Accord Hatchback 86-87	E[5] U S[5]	7¾	C 8[4,13,56] (6½[13,58,Lxi])	F 6½
Accord Hatchback 88-89	E[5] U S[5]	7¾	C 8[4,13,56] 6½[6,13,56]	F 6½
Accord Sedan 82-85	E[5] U S[5]	7	C 8[4,5,7]	E 6½
Accord Sedan 86-87	E[5] U S[5]	7¾	C 8[4,13,56] (6½[58,13 Lxi])	E 6½
Accord Wagon 91-93	E U S	8	C 6½[4,5,8]	F 6X9[8,77] L 3½[13,53]
Accord DX Coupe and Sedan 90-93	E U S	8	C 6½[4,5,8]	E 6½[4,5,63]
Accord DX Sedan 88-89	E[5] U S[5]	7¾	C 6½[6,13,58] 8[4,13,56]	E 6X9[8,71] 6½[4,5,8]
Accord EX Coupe and Sedan 90-93	E U S	8	C 8[4,5,8]	E 6X9[7,1]
Accord EX Wagon 91-93	E U S	8	C 8[4,5,8]	F 6X9[7,7] G 3½[4,5,53]
Accord LX Coupe and Sedan 90-93	E U S	8	C 6½[4,5,8]	E 6½[4,5,63]
Accord LX Sedan 88-89	E[5] U S[5]	7¾	C 6½[6,13,58] 8[4,13,56]	E 6X9[8,71] 6½[4,5,8]
Accord LXi Coupe and Sedan 88-89	E[5] U S[5]	7¾	C 6½[13,56] 5¼[13,58]	E 6X9[7,1]
Accord Se Sedan 91	E U S	8	C 8[4,5,8]	E 6X9[7,1]
Accord SE Wagon 91-93	E U S	8	C 8[4,5,8]	F 6X9[7,7] G 3½[4,5,53]
Accord SEi Coupe 89	E[5] U S[5]	7¾	C 6½[13,56]	E 6X9[8,71] 6½[4,5,66]
Civic 3 Door Hatchback 92-94	E[5] U S[1]	7⅛	C 5¼[13,63] 6½[13,63]	D 5¼[8,65]
Civic Sedan/Coupe 92-94	E[5] U S[1]	7⅛	C 5¼[13,57] 6½[13,57]	E 6½[4,5,8]
Civic Hatchback 84-87	E[5] U S[5]	7¼	C 5¼[25,59] 6½[6,13,59] 8[4,8,13,57]	–
Civic Hatchback 86-87	E[5] U S[5]	7¼	C 8[4,5,8] 6½[4,6,25,59]	D 4[7]
Civic Hatchback 88-91	E[5] U S[5]	7¼	C 5¼[4,56] 6½[4,5,55]	F 6½[7,13]
Civic Sedan 84-87	E[5] U S[5]	7¼	C 4[25,59] 5¼[4,6,25,59]	E 6½[10]
Civic Sedan 88-91	S[5]	7¾	C 4¼[4,56] 6½[4,5,56]	E 6½[13,56]
Civic Wagon 88-91	E[5] U S[5]	7¼	C 5¼[4,56,13] 6½[4,56,13]	F 6½[7,71]
Civic Wagon 2 Wheel Drive 86-87	E[5] U S[5]	7¼	C 4[25,57] 5¼[4,6,25,57]	–
Civic Si 3 Door Hatchback 92-94	E[5] U S[1]	7⅛	C 6½[13,56] 5¼[13,56]	D 5¼[8,65]
CRX Hatchback 84-87	E[1] U S[1]	7	C 8[4,5,1] 4[5,61]	F 6½[5,62]
CRX Hatchback 88-91	E[1] U S[5]	7½	C 5¼[4,57] 6½[5,7]	D 6½[7,73]
Del Sol Coupe 93-94	E[1] U S[1]	7½	C 6½[13,56] 5¼[56,13]	G 6½[56,13,8]
Prelude Coupe 83-87	E[5] U S[5]	7¼	C 8[4,5,5]	E 6½[5,7]
Prelude Coupe 88-89	S[5,28]	9	C 6½[5] 8[4,8,57] 4[4,8,57]	E 4
Prelude Coupe 90-91	E[5] U S[5]	6	C 4[5,7] 8 4 6½[5,5,7]	E 4
Prelude Coupe 92-94	E U S	6[11]/16	C 6½[4,5,8]	E 6½[13,58]
Prelude Si Coupe 88-91	E[5] U S[5]	6	C 6½[5,7]	E 6½
HYUNDAI				
Elantra Sedan 92-94	U S	7[15]/16	C 6½[25,61,13]	E 5¼[13,25]
Excel Hatchback 86	U	7	C 4[12,73,8,13]	F 5¼[4,8] 4[8]
Excel Hatchback 87-89	E U S	7	C 4[12,73,13]	F 5¼[4,8] 4[8]
Excel Hatchback Prod. after 12/90 91-94	U	7¼	A 4[40] 8[1,40] C 8[4]	F 8[4,12] 5¼[4,13,12]
Excel Hatchback Prod. Thru 11/90 90-91	U	7¼	A 4[40] 8[1,40] C 8[4]	F 5¼[4,8] 8[4,12]
Excel Sedan 86	U	7	C 4[12,73,8,13]	E 4
Excel Sedan 87-89	E U S	7	C 4[12,73,13]	E 4 8[4] 5¼[4,8]
Excel Sedan Prod. after 12/90 91-94	U	7¼	A 8[1,40] 4[40] C 8[4,8]	E 5¼ 8[4,8]
Excel Sedan Prod. Thru 11/90 90-91	U	7¼	A 4[40] 8[1,40] C 8[4]	E 8[4,8] 5¼[4,8]
Scoupe Sport Coupe 91-94	U I	7½	A 4M[13,56] 8[1,55]	E 5¼[4,58]
Sonata Sedan w/o Polk Audio 89-94	I[1,2] U	8½	A 8[1,57] 4M[57]	E 90
Sonata w/Polk Audio 90-94	I[1,2] U	8½	A 8[1,57] 4M[57]	E 84
ISUZU CARS				
I Mark Hatchback Floor Length Console 85-89	E U	8	A 8[4,57]	F 84
I Mark Hatchback Underdash Enclosure 85-89	E U	7	A 8[4,65]	F 84
I Mark Sedan w/Floor Console 85-89	E U	8	A 8[4,57]	E 84
I Mark Sedan w/Underdash Enclosure 85-89	E U	7	A 8[4,65]	E 84
Impulse Coupe 83-87	U[19]	7	C 6½[4,61]	F 84
Impulse Coupe 88-89	E U	7	C 6½[4,61]	F 84
Impulse Coupe 90-93	I U	7¾	C 9[0,63]	H 4[61]
Stylus Sedan 91-93	I U	7¾	C 8[4,57]	E 6½[10]
ISUZU TRUCKS AND VANS				
Amigo Utility 89-90	I U	7¼	A 4	K 5¼[4,25,65] 6½[4,25,65]
Amigo Utility 89-91	E U S	7¼	A 4	K 5¼[4,25,65] 6½[4,25,65]
Pickup 86-87	E U S	7	B 8[4,12,53]	–
Pickup 88-94	I U	7¼	A 8[4,61] 4[5,61]	–
Rodeo Utility 91-94	I U	7¼	A 4[61] 8[4]	L 8[4,13,73] 4[13,73]
Spacecab Pickup (Extended Cab) 88-94	I U	7¼	A 8[4,61] 4[61]	J 6½[8,12]

Model and Year (If your car is not listed, please call) (Isuzu continued)	Easy-Fit Receiver Sizes	Max. Depth inches	Easy-Fit Speakers (Factory locations and replacements) Please call for other options Front	Rear
Trooper Utility 86	E[4] U[4]	8	B 8[4,7,12,58] 4[7,12,58]	M 4[8,12,58]
Trooper w/Factory Radio Housing 87	E[4] U[4]	7⅞	B 4[7,12] 8[4,58]	M 4[8,12,58]
Trooper w/Factory Radio Housing 88-91	E[4] U[4]	7⅞	B 4[7,12,58] 8[4]	M 4[8,12,58] N 6½[4,8,61]
Trooper w/out Factory Radio 87	E[4] U[4]	8	B 8[4,7,12,58] 4[7,12,58]	M 4[8,12,58]
Trooper w/out Factory Radio 88-91	E[4] U[4]	8	B 4[7,12,58] B 8[4,7,12,58]	M 4[8,12,58] N 6½[4,8,61]
Trooper Utility 92-93	E U S	8[1]/16	C 6½[4,5,7]	L 8[4,61] 4[61]
JEEP				
CherokeeXJ Utility 84-94	I[19] U	7¾	A-N.R. C 5¼[13,69]	M[1994] 5¼[13,58] H 5¼[13,63]
CJ5/CJ7 Utility 78-85	[U S][1]	6½	A 5¼[12,13,65]	–
Comanche Pickup 86-92	I U	7¾	A-N.R. C 5¼[69,13]	J 4x6[58,13]
Custom Wagoneer Utility 86-87	I U	7¼	C 5¼[8,25,65]	L 5¼
Grand Cherokee Utility 93-94	E U S	7⅞	C 6½[25,62] 5¼[25,62]	D 6½ and 5¼[25,62]
Grand Wagoneer Utility 84-85	[U S][1]	7	C 5¼[7,65]	L 5¼
Grand Wagoneer Utility 86-91	I U	7¼	C 5¼[8,25,65]	L 5¼
Wrangler Hard Top 87	U	7⅛	A 4X6[7,12,13]	–
Wrangler Hard Top 88-94	U	7⅛	A 4X6[12,69,13]	M [1993-94] 4[55]
Wrangler Soft Top 87-94	U	7⅛	A 4X6[7,12,69,13]	M [1993-94] 4[55]
LINCOLN				
Continental Sedan 88	–[19]	–	A 3½[5,7] C 9[2,65]	E 6X9[12,77]
Continental Sedan 89-94	E U S[20]	7½	A 3½[5,7] C 9[2,65]	E 6X9[12,77]
Mark VII Coupe 85-92	I U	12	C 9[2,65]	E 6X9[12]
Mark VIII 93-94	E U S	7¾	C 8[9,61] 5¼[25,61]	D 8[9] 5¼[25]
Town Car Sedan 82-89	I U	10¼	A 3½[5,65] 4[25,65] C 9[2,65]	E 6X9[12,72]
Town Car Sedan 90-94	I U	7½	C 8[9,65]	E 6X9[65]
MAZDA CARS				
323 Hatchback 90-94	E U	6½	A 4[12] C 8[5,12,55] C 5¼[13,25,55]	D 8[5,65]
323 Hatchback Non Turbo Only 86-89	U	8½	A 4[57]	F 6½[8,65] 4[8,65]
323 Sedan Non Turbo Only 86-89	U	8½	A 4[57]	E 6½[7,7]
323 Wagon 86-89	U	8½	A 4[57]	G 6½[5,7]
323 Turbo Hatchback 88-89	N.R.	-	A 4[57]	F 6½[8,65] 4[8,65]
323 Turbo Sedan 88-89	N.R.	-	A 4[57]	E 6½[7,7]
626 Hatchback 86-87	E[5] U	7	A 4[58,13]	F 6½
626 Hatchback 88-89	U	8	A 4[73,13]	F 6½
626 Hatchback 90-91	U	8	A 4[13,73]	F 6½
626 Sedan 86-87	E[5] U	7	A 4[58,13]	E 6½[13]
626 Sedan 88-92	U	8	A 4[73,13]	E 6½[8,13]
626 Sedan 93-94	E[1] U S[1]	6⅝	C 8[9,63]	E 8[9,13]
929 Sedan 88-91	E[5] U	7	A 4[63]	D 8[4,9] E 6½[19]
929 Sedan 92-94	[E U S][19]	7¾	C 8[9,64]	E 6X9
Miata Convertible 90-94	E U	6¼	C 5¼[13,25] 8[5,13]	–
MX3 Hatchback 92-94	E[1] U S[1]	6⅞	C 8[5,13,58] 5¼[13,25,58]	F 8[5,12,58]
MX6 Coupe 88-92	E[5] U	8	A 8[4,73]	E 6½[13]
MX6 Coupe 93-94	E[1] U S[1]	7	C 8[9,13,62]	E 8[9,13]
Protege Sedan 90-94	E U	6½	A 4[12] C 8[5,12,55] C 5¼[13,25,55]	E 8[5]
RX7 Convertible 88	U S	7	A 8[4,61] C 6½[4,61]	–
RX7 Convertible 89-92	E U	7	A 8[4,61] C 6½[4,61]	–
RX7 Coupe 86-88	U S	7	A 8[4,61] 4[61]	F 8[4,12,13] 6½[4,25]
RX7 Coupe 89	E[5] U	7	A 8[4,61]	F 8[4,12,13] 6½[4,25]
RX7 Coupe 90-92	E[5] U	7	A 8[4,61]	F 8[4,8,12,13] 6½[4,25]
RX7 w/out Bose System 93-94	E[1] U S[1]	6⅝	C 8[5,13,57]	D 8[9,65]
MAZDA TRUCKS AND VANS				
B-series Pickup 82-85	—[19]	5½	–	J 4[63]
B-series Pickup 86-93	E U	7[5]/16	A 4[73]	J 4[73]
B-series Pickup 94	E[1] U S[1]	7¾	C 8[9,13]	J 8[9,12,13,58]
B-series Pickup Extended Cab 86-93	E U	7[5]/16	A 4[77]	J 6½[73]
Navajo Sport Utility 91-94	U	7¼	C 8[9,69]	D 8[9,73]
Van MPV 89	E[5] U	6¾	A 8[4,73] C 6½[4,57]	K 6½[59]
Van MPV 90-94	E[5] U	8	A 8[4,73]	K 6½[59]
MERCEDES				
190D/E Sedan 84-90	E[1] U	12	A 4M	E 4[65]
260 Series Sedan 87-89	E[1] U	6¾	A 4[60]	E 8[4,63]
300CE Coupe 88-93	E[1] U	9	A 5M[59]	E 5¼[19]
300D/E Sedan 86-93	E[1] U	9½	A 4M[57,19]	E 5M

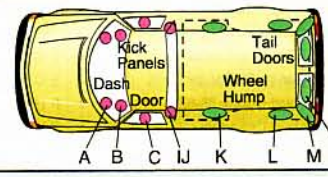
Speaker Location Codes

- **A** Front dash
- **B** Front kick panels
- **C** Front door panels
- **D** Rear door or rear seat side panels
- **E** Rear deck (below rear window)
- **F** For hatchbacks, on shock towers or side panels; for station wagons, on or behind rear wheel wells
- **G** For hatchbacks, on rear quarter panel; for station wagons, on rear pillar or roof
- **H** Tailgate
- **I** Upper rear pillars (extended cab)
- **J** Behind seat, in cab corners or lower side wall
- **K** Mid-rear side panels
- **L** Far-rear side panels
- **M** Rear pillar post or roof (vans, utility vehicles)
- **N** Tail doors

SEDAN/ HATCHBACK/ COUPE/ WAGON



PICKUP/ VAN/ UTILITY VEHICLE



FWD - Front Wheel Drive RWD - Rear Wheel Drive A/C - Air Conditioning N.R. - Not Recommended / Call For Info

Footnotes for these charts are on page 35

Model and Year (If your car is not listed, please call) (Mercedes continued)	Easy-Fit Receiver Sizes	Max. Depth inches	Easy-Fit Speakers (Factory locations and replacements) *Please call for other options* Front	Rear
300SE Sedan 88-90	E[1] U	6¾	A 4M[57]	E 5M
300SE Sedan 88-93	E[1] U	9½	A 4M[57,19]	E 5M
300SEL Sedan 88-91	E[1] U	6¾	A 4M[57]	E 5M
300SL Convertible 90-93	E[1] U	6½	N.R.	N.R.
300SL Coupe 90-93	E[1] U	7¼	A 4M[65]	E 5M
350SD/SDL Sedan 91-93	E[1] U	9½	N.R.	E 5M
380SD/SE Sedan 85-87	E[1] U	6¾	A 4M[57]	E 4X6 M[8]
380SL Sedan 85-87	E[1] U	6¾	A 4M[57]	E 4X6 M[8]
420SEL Sedan 86-87	E[1] U	6¾	A 4M[57]	E 4X6 M[8]
500SL Convertible 90-93	E[1] U	6½	N.R.	N.R.
500SL Coupe 90-93	E[1] U	7¼	A 4M[65]	–
560 Series Sedan 85-91	E[1] U	6¾	A 4M[57]	E 4X6 M[65,13]
560SL Coupe & Convertible 86-89	E[1] U	7¼	A 4M[65]	–
MERCURY				
Capri Hatchback 85-86	I U	10½	A 3½[55] C 92[8,58]	F 89[12]
Capri XR2 Convertible 91-94	E[1] U S[1]	8	C 6½[55]	D 5X7[12,13,61]
Colony Park Wagon 86-88	E[8] U	10	A 3½[25] 4[25] 84	F 89[66]
Colony Park Wagon 89	I[8] U	10	A 84[25] 4[25] 3½[25]	F 89[66]
Colony Park Wagon 90	E[8] U	7	C 92[77]	F 89[12,13]
Cougar Coupe 85-88	I U	9⅜	A 3½[55,13] C 92[66]	E 89
Cougar Coupe 89-93	E U	6½	C 5X7[76,12,55] 89[8,13,55]	D 5X7[4,73] 89[4,73]
Cougar Coupe 94	E[1] U S	7½	C 89[13,72]	D 89[13,69]
Grand Marquis Sedan 86-89	E[8] U	10	A 3½[25] 4 84[25] C 92[73]	E 6X9[12]
Grand Marquis Sedan 90-91	E U	7½	C 92[77]	E 6X9[12]
Grand Marquis Sedan 92-94	E[1] U S[1]	8	C 89[43]	E 6X9
Grand Marquis Wagon 86-89	I U	10	A 3½[25] 4 84[25]	F 6X9[12,66]
Grand Marquis Wagon 90	E[8] U	7	C 92[77]	F 89[12,13]
Lynx Hatchback Prod. 4/87 & After 87	I U	10	C 92[58]	F 5X7[12,13]
Lynx Hatchback Prod. Thru 3/87 86-87	E[8] U	10	C 92[58]	F 89[10,12]
Marquis Sedan 85-86	I U	12	A 3½ C 92[4,75]	E 89[12] 6X9[12,25]
Sable Sedan 86-89	E[8] U	7	A 3½[55] C 92[8,61]	E 89[61] 6X9[12]
Sable Sedan 90-91	E U	6⅝	A 3½[8] C 92[8,65]	E 89[8] 6X9[8,12]
Sable Sedan 92-94	E[1] U S[1]	7⅜	C 92[62] 6½[62]	E 89[70]
Sable Wagon 86-89	E[8] U	7	A 3½[8,55] C 92[8,61]	G 92[57]
Sable Wagon 90-91	E U	6⅝	A 3½[8] C 92[8,65]	G 92[61]
Sable Wagon 92-94	E[1] U S[1]	7⅜	C 92[62] 6½[62]	G 92[60]
Topaz Sedan And Coupe 85-86	I U	9	A 3½[53] C 92[8,54]	E 89[12] 6X9[12,25]
Topaz Sedan And Coupe 87	I U	9	C 92[8,54]	E 89[12] 6X9[12,25]
Topaz Sedan Or Coupe 88-94	E U	8	C 92[57]	E 89[12,66]
Tracer Hatchback 87-90	E U	7⅜	A 4[13,65]	F 6½[13,57]
Tracer Sedan 91-94	E U	7	C 5¼[25,56] 85[13,56]	E 85 5¼[13,25]
Tracer Wagon 91-94	E U	7	C 5¼[25,56] 85[56]	G 5X7[12,13]
Villager 93-94	E U S	7⅞	C 89[64,13]	K 89[64,13]
MITSUBISHI CARS				
3000GT Coupe 91-94	E[1] U[1]	7½	C 6½[13,25,58] 5¼[13,25,58]	D 6X9[73]
Diamante Sedan 92-93	[E U S][19]	6⅛	C 5¼[13,58]	E 6X9[13]
Eclipse w/Two 2" Tall Openings 90-94	I U	7⅝	A 81[58] C 5¼[61]	D 6½[8,13,25,61] 6X9[8,13,67]
Galant Sedan 87-88	U	8	A 4M 81	E 90 6½[25] 5¼[25]
Galant Sedan 89-93	E[1,8] [U S][1]	7	A 4M 81[55] C 5¼[69]	E 6½[25] 5¼[25]
Galant Sedan 94	I[2] [E U S][19]	8⅜	A 81[53]	E 6x9[13]
Mirage Hatchback 85-86	U[25]	8	A[19]	D 5¼[12,25]
Mirage Hatchback 87-88	E[1] U	8½	A[19]	D 5¼[12,25]
Mirage Hatchback 89-92	E[8] U	6½	A 81 C 5¼[55]	F 5¼[25] 6½[25]
Mirage Sedan 87-88	U S[20]	8½	A[19]	E 5¼
Mirage Sedan 89-92	E[8] U	6½	A 4M 81 C 5¼[63]	E 5¼[8,25] 6½[8,25]
Mirage Sedan & Coupe 93-94	E U S	7¼	A 81[53,13]	E 6x9[13,19] 90[59,19]
Precis Hatchback 87-89	E U S	7	A 81[13,60] C 4[12,61] 84[12,43,61]	F 5¼[12]
Precis Hatchback Prod. 12/90 & After 91-93	U	7¼	A 81[13,60] C 84[60]	F 4[12]
Precis Hatchback Prod. Thru 11/90 90-91	U	7¼	A 81[13,60] C 84[60]	F 5¼[12]
Sigma Sedan 89-90	E[1] U[1] S[1]	6⅝	A 3½[51]	E 6½
Starion Hatchback 87-89	N.R.[19]	7	C 4[57]	F 90[12,55]
MITSUBISHI TRUCKS AND UTILITY				
Expo/Expo LRV w/2" Tall Opening 92-94	E[1] U[1] S[1]	8⅛	A 81[12,67]	F 6X9[13,66]
Expo/Expo LRV w/4" Tall Opening 92-94	[E U S][19]	8⅛	A 81[12,67]	F 6X9[13,66]
Montero Utility 87	E[1] U	7¾	A 3½[59,26]	K 5¼[8,12,65]
Montero 2 Door w/two 2" Tall Openings 88-91	I[2] E[1] U	7¾	A 3½[12,25,59]	K 90[8,75]
Montero 2 Door w/one 4" Tall Opening 88-91	E U	7¾	A 3½[12,25,59]	K 90[8,75]
Montero 4 Door w/Two 2" Tall Openings 88-91	I[2] E[1] U	7¾	A 3½[12,25,59]	L 90[8,75]
Montero 4 Door w/one 4" Tall Opening 88-91	E U	7¾	A 3½[12,25,59]	L 90[8,75]
Montero 92-94	I[2] E U	7¾	A 81[73] C 5¼[13,61]	K 6x9[65]
Mighty Max Pickup 87-94	E U	7¾	A 81[57]	J 6½[25,78] 5¼[25,78]
NISSAN CARS				
200SX Coupe 84-88	E U	7½	C 6½[13,58]	E 6½
200SX Hatchback 84-88	E U	7½	C 6½[13,58]	F 90[8,13]
240SX Coupe 89-93	I[1,2] U	7¼	C 4X6[55,13]	D 90[55,13 (convertible)] E 90[13]

Model and Year (If your car is not listed, please call) (Nissan continued)	Easy-Fit Receiver Sizes	Max. Depth inches	Easy-Fit Speakers (Factory locations and replacements) *Please call for other options* Front	Rear
240SX Hatchback 89-93	I[1,2] U	7¼	C 4X6[55,13]	F 4X6[13]
300ZX Coupe 84-89	E U	7½	C 6½[57]	F 6½[73]
300ZX & 2+2 w/out Bose System 90-94	I[1,2]	6½	C 6½[58,13]	F 4X6[63,13]
Altima Sedan 93-94	E[5] U S	7½	C 4x6[60,13]	E 90[13]
Maxima Sedan 89-94 ◊	I[1,2] U	7	C 4X6	E 6X9[8,12] 6½[8,42]
Maxima Sedan Prod. Thru 7/86 85-87	E[8] U S[20]	7	C 5¼[57,13]	E 84
Maxima GXE Sdn Prod. 8/86 & After 87-88	E[8] U S[20]	7	C 5¼[57,13]	E 84
Maxima SE Sedan Prod. 8/86 & After 87-88	E[8] U S[20]	7	C 5¼[57,13]	E 5¼
NX1600/2000 91-93	U S	6½	C 4X6[8,62] 85[8,62] 5¼[25,62]	D 92[19,69]
Pulsar Coupe 87-90	I[1,2] U	11	C 6½[13,61]	F 84 6X9[8,13]
Quest 93	E U S	7⅞	C 89[64,13]	K 89[64,13]
Sentra Coupe 91-94	I[19] U S	7½	C 5¼[25,58] 85[58]	E 90[65]
Sentra Hatchback 87	U S[1]	11	C 4[7,55,25,13] C 6½[8,55]	F 6X9[8,69]
Sentra Hatchback 88	U	11	C 4[7,55,25,13] C 6½[8,55]	F 6X9[8,69]
Sentra Hatchback 84-86	U[19]	7⅜	C 4[55]	D 84[12] F 84[12]
Sentra Sedan 87-90	U S[1]	11	C 4[7,55,25,13] C 6½[8,55]	E 6½[9]
Sentra Sedan 91-94	I[19] U S	7½	C 85[58] 5¼[25,58]	E 90[65]
Sentra Sedan 84-86	U[19]	7⅜	C 4[55]	E 84
Sentra Sport Coupe 87-90	U S[1]	11	C 4[13,59,25] 6½[58]	D 6X9[25,73]
Sentra Wagon 87-90	U S[1]	11	C 4[7,55,25,13] C 6½[8,55]	F 6X9[7,8,69]
Stanza Hatchback 87	I[1,2] U[2]	9¼	C 6½[56]	F 6X9[8,67]
Stanza Notchback (Sedan) 85-86	E[8] U	6⅞	C 84[57]	E 84
Stanza Notchback(Sedan) 87-89	I[1,2] U[2]	9¼	C 6½[53]	E 6X9
Stanza Sedan 90-92	I[2] U	8⅜	C 6½[55]	E 90[64]
NISSAN TRUCKS AND UTILITY				
Axxess Van 89-90	I[1] U	7¼	C 6½[61]	G 90
Hardbody Pickup 94	[E U][19]	7⅜	C 4x6[59 (w/V6)] 6½[59 (wo/V6)]	J 5¼[63]
Hardbody Pickup 86-93	E U	8	C 4x6[59 (w/V6)] 6½[59 (wo/V6)]	J 5¼[63]
Hardbody Pickup Ext Cab 86-93	E U	8	C 4x6[59 (w/V6)] 6½[59 (wo/V6)]	J 6½[12,55]
Pathfinder Utility 2 Door 87-90	E U	8	C 4[59 (1987)] 4x6[58-90] 59,13,25	K 6X9[64]
Pathfinder Utility 4 Door 90-93	E U	8	C 4x6[59,13,25]	L 6X9[8,13]
OLDSMOBILE				
Achieva Coupe and Sedan 92-94	[E U S][8]	7	C 4X6[13,55]	E 6X9[13]
Bravada Utility 4 Door 91-94	[E U S][8]	6⅝	A 3½[12,25,61]	D 90[69]
Custom Cruiser Wagon 88-90	[E U S][8]	7⅛	A 3½[58]	G 4x10
Custom Cruiser Wagon 91-92	[E U S][2,8]	7	C 4X6[55]	K 6X9[12,69]
Cutlass Calais Coupe 86-91 ◊	[E U S][8]	6¾	A 3½[62]	E 6X9[12,25]
Cutlass Calais Coupe w/Factory Radio 84	E	8⅞	A 3½	E 4X10[8,12,25] 6X9[12,25,67]
Cutlass Calais Coupe 86-91	[E U S][8]	6⅞	A 3½[62]	E 6X9[12,25]
Cutlass Calais Sedan w/Column Shift 86-91 ◊	[E U S][8]	6¾	A 3½[62]	E 6X9[12,25]
Cutlass Calais Sedan w/Floor Shifter 86-91 ◊	[E U S][8]	6⅞	A 3½[62]	E 6X9[12,25]
Cutlass Ciera Coupe 85-91	[E U S][8]	7¾	A 3½[13,55]	E 6X9[12,13,25]
Cutlass Ciera Sedan 85-94	[E U S][8]	7¾	A 3½[13,55]	E 6X9[12,13,25]
Cutlass Ciera Wagon 84-89	[E U S][8]	7¾	A 3½[55]	H 6X9
Cutlass Salon Coupe w/Fact Rcvr 84-87	E	8⅞	A 3½	E 4X10[8,12,25] 6X9[12,25,67]
Cutlass Supreme Convertible 91-94	[U E S][8]	6¼	A 4[13,57]	D 90[71]
Cutlass Supreme Brougham Coupe 84-86	E	8⅞	A 3½	E 4X10[8,12,25] 6X9[12,25,67]
Cutlass Supreme Coupe 78-83	E	8⅞	A 3½[53]	E 4X10[12,25] 6X9[12,25,67]
Cutlass Supreme Coupe FWD 88-94	[E U S][8]	6¼	A 4[13,57]	E 6X9
Cutlass Supreme Coupe & Sedan RWD 84-88	E	8⅞	A 3½[13,61]	E 4X10[8,12,25] 6X9[12,25,67]
Cutlass Supreme Sedan 78-83	E	8⅞	A 3½[53]	E 4X10[12,25] 6X9[12,25,67]
Cutlass Supreme Sedan 90-94	[E U S][8]	6¼	A 4[13,57]	E 6X9
Delta 88 Coupe and Sedan 78-85	[U S][8]	7⅞	A 3½	E 6X9[12,25]
Delta 88 Coupe and Sedan 86-88 ◊	[E U S][8]	7⅛	A 3½[58]	E 6X9
Eighty Eight Royale Cpe/Sedan 89-91	[E U S][8]	7⅛	A 3½[58] C 5¼[8,58]	E 6X9
Eighty Eight Sedan w/out Bose 92-94	[E U S][8]	7½	C 5¼[13,64]	E 6X9[12,13]
Firenza Coupe and Sedan 85-88	[E U S][8]	7⅜	A 3½	E 6X9[12,13,25]
Firenza Hatchback 82-88	[E U S][8]	7⅜	A 3½	G 4X10[25]
Ninety Eight Sedan FWD 84-88	[E U S][8]	7⅛	A 3½[61]	C 90[8,58]
Ninety Eight Sedan Regency 89-90	[E U S][8]	7⅛	A 3½[61] C 5¼[4,58]	E 6X9[71]
Ninety Eight Sedan Regency 91-94	[E U S][8]	7	C 5¼[13,64]	E 6X9[12,13]
Regency Sedan 85-88	[E U S][8]	7⅛	A 3½[61]	E 6X9[71,13]
Silhouette Van 90-94	[E U S][8]	6⅝	A 4X6[62]	N 90[63]
Toronado Coupe 82-85	E U S	8⅝	A 4X6[12,65] 3½[12,25,65]	–
Toronado Coupe 86-89 ◊	[E U S][8]	7	C 5¼[54,13]	E 6X9[12,25]
Toronado Coupe w/M2000 Radio 90-92 ◊	[E U S][2]	6½	C 5¼[60]	E 6X9[12,13,25,62]
Trofeo Coupe 89-91 ◊	[E U S][8]	7	C 5¼[60,13]	E 6X9[12,25]
Trofeo Coupe w/M2000 Radio 92 ◊	[E U S][2]	6½	C 5¼[60]	E 6X9[12,13,25,62]
PLYMOUTH				
Acclaim Sedan 89-94	E U S	6¾	C 5⅛ 84[59]	D 5¼[68]
Caravelle Sedan 87-88	E U S	6⅜	A 3½[10] C 5¼[4,62]	E 5X7[12] 6X9[12,25]
Colt Hatchback 85-86	[U S][21]	7	A[19]	D 5¼[12,25]
Colt DI Hatchback 87-88	E[1] U	8½	A[19]	D 5¼[12,25]
Colt Hatchback 89-92	E[8] U	6½	A 81 C 5¼[55]	F 5¼[25] 6½[25]

◊ - See footnote on page 29.

Model and Year (If your car is not listed, please call) (Plymouth continued)	Easy-Fit Receiver Sizes	Max. Depth inches	Easy-Fit Speakers (Factory locations and replacements) *Please call for other options* Front	Rear
Colt Coupe & Sedan 93-94	E U S	7¼	A 8[53,13]	E 6x9[13,19] 90[59,19]
Colt Hatchback 89-92	E[5] U	6½	A 81 C 5¼[55]	F 5¼[25] 6½[25]
Colt Coupe & Sedan 93-94	E U S	7¼	A 8[53,13]	E 6x9[13,19] 90[59,19]
Colt DI Wagon 88-90	E' U	8½	A[19]	D 5¼[12,25]
Colt E Hatchback 87-88	E' U	8½	A[19]	D 5¼[12,25]
Colt E Sedan 87-88	E' U	8½	A[19]	E 5¼
Colt Premier Sedan 87-88	E[1,5] U	8½	A[19]	E 5¼
Colt Vista Van w/2" Tall Opening 92-94	E' U' S'	8⅛	A 8[12,67]	F 6X9[13,66]
Colt Vista Van w/4" Tall Opening 92-94	[E U S][19]	8⅛	A 8[12,67]	F 6X9[13,66]
Colt Vista Wagon 84-91	E U	6[11]/16	A 3½[25,19]	D 8[1,54]
Conquest Coupe 85-86	U	7	C 4[57]	F 5¼[65]
Gran Fury Sedan 80-89	E U S	7¼	A 3½[10]	E 5X7[12] 6X9[12,25]
Horizon/America Hatchback 84-90	E U S	5[5]/16	C 5¼[73]	E 6½[25,19]
Laser Coupe 90-94	I U	7⅝	A 8[18] C 5¼[61]	D 6½[4,13,25,57] 6X9[8,13,57]
Pickup (Full Size) 75-83	E U S	7¾	C 5¼[10]	–
Reliant Sedan 85-89	E U S	6[5]/16	A 3½[10]	E 5X7[8,12] 6X9[12,25]
Reliant Wagon 85-88	E U S	6[5]/16	A 3½[10]	F 5X7[8,13]
Reliant Am Sedan 88-89	E U S	6[5]/16	A 3½[10]	E 5X7[12] 6X9[12,25]
Sundance Hatchback 87-94	E U S	6¾	C 5¼[61]	F 5X7[8,12]
Turismo Hatchback 84-87	E U S	5[5]/16	C 5¼[73]	–
Voyager Van 84-90	E U S	7⅜	A 4[13,25,59] 3½[25,59] 5¼[13,59]	H 6X9[8,65]
Voyager Van 91-94	E U S	7½	A 5¼[59] 4[25,59] 3½[25,59]	N 6X9[13,66]
PONTIAC				
6000 Sedan and Coupe 82-91	[E U S][3]	6½	A 4X6[13,63]	E 6X9[12,25]
6000 Wagon 89-91	[E U S][3]	6½	A 4X6[13,63]	H 6X9
6000 STE Sedan 86-89	[E U S][3]	6½	A 4X6[13,63]	E 6X9
Bonneville Sedan 85-86	[E U S][3]	6¾	A 3½[8,12,25]	E 4X10[12,25] 6X9[12,32]
Bonneville Sedan 87-91 ◊	[E U S][3]	6⅞	A 4X6[65]	E 6X9[12]
Bonneville Sedan 92-94	E[3] [U S][9]	6⅝	A 4X6[12,13,51] C 5¼[19] 4x6[19]	E 6X9
Fiero Coupe 84-88	[E U S][3]	6½	A 4X10[77]	D 4X6[13,59] (86-88 only)
Firebird Coupe 82-84	[E U S][3]	6½	A 4X6[55,19]	D 6X9[7,65]
Firebird Coupe 85-92	[E U S][3]	6⅞	A 4X6[55,19]	D 6X9[7,65]
Firebird 94 ◊	[E U S][19]	6¾	C 90[13,59,19]	D 90[13,63,19]
Grand Am Coupe 85-91	[E U S][3]	6⅝	A 84[12,13,65] C 5¼[8,58]	E 6X9[8,73]
Grand Am Coupe 92-94	[E U S][3]	7⅞	C 4X6[13,56] C 5¼[8,58]	E 6X9[13]
Grand Am Sedan 85-91	[E U S][3]	6⅝	A 84[12,13,65]	E 6X9[3] 6X9[8,73]
Grand Am Sedan 92-94	[E U S][3]	7⅞	C 4X6[13,56]	E 6X9[13]
Grand Prix Coupe 85-87	[E U S][3]	6¾	A 3½[8,12,25]	E 4X10[12,25] 6X9[12,32]
Grand Prix Coupe 88-89	[E U S][21]	6⅜	A 4X6[59] 3½[25,59]	E 6X9
Grand Prix Coupe & Sedan 90-93	[E U S][3]	6[5]/16	A 3½[25,58] 4X6[59] C 4X6[1,57]	E 6X9
Lemans Hatchback 88-93	E' U S'	7⅝	A 3½[55 (88-90)] 81[(1991-93)]	F 4[12,60]
Lemans Sedan 88-93	E' U S'	7⅝	A 3½[55 (88-90)] 81[(1991-93)]	E 6½
Sunbird Coupe w/Air Conditioning 84-88	[E U S][3]	7	A 3½	E 6X9[12,13,25]
Sunbird Coupe w/ Fact Cassette 89-94	E U	7	A 3½[13,53]	E 6X9[12,13,25]
Sunbird Coupe w/o Fact Cassette 89-94	E[4] [U S][4]	7	A 3½[13,53]	E 6X9[12,13,25]
Sunbird Coupe w/o A/C 84-88	[E U S][3]	6¾	A 3½	E 6X9[12,13,25]
Sunbird Hatchback w/ A/C 84-88	[E U S][3]	7	A 3½	G 4X10[25,73]
Sunbird Hatchback w/o A/C 84-88	[E U S][3]	6¾	A 3½	G 4X10[25,73]
Sunbird Sedan w/A/C 84-88	[E U S][3]	7	A 3½	E 6X9[12,13,25]
Sunbird Sedan w/o Fact Cass. 89-94	E'U' S'	7	A 3½[13,53]	E 6X9[12,13,25]
Sunbird Sedan W/Fact Cassette 89-94	E U	7	A 3½[13,53]	E 6X9[12,13,25]
Sunbird Sedan w/A/C 84-88	[E U S][3]	6¾	A 3½	E 6X9[12,13,25]
Sunbird Wagon w/A/C 84-88	[E U S][3]	7	A 3½	H 4X10[61]
Sunbird Wagon w/o A/C 84-88	[E U S][3]	6¾	A 3½	H 4X10[61]
Transport Van 90-94	[E U S][3]	6⅝	A 4X6[62]	N 90[63]
PORSCHE				
911 Coupe 82-86	E' U S'	9	C 5¼[12,69]	E 4X6M[8,12,57] E 5X7[8,12,57]
911/Turbo/Coupe 87-89	E' U S'	6¾	C 5¼[12,69]	E 4X6M[57]
924S w/Power Windows 87-89	E' U S'	7½	C 4X6M[54]	D 4X6M[12,57]
924S w/out Power Windows 87-89	E' U S'	7½	C 4X6M[57]	D 4X6M[12,19,57]
928S4/GT Coupe 84-93	E' U	6⅝	C 4[60]	D 5¼[25,71] 6½[25,71] F 4[65]
944 w/Power Windows 83-85	E' U S'	7½	C 4X6M[54]	D 4X6M[12,19,57]
944/Turbo/S2 w/Power Windows 85-91	E' U S'	9	C 4X6M[54]	D 4X6M[12,19,57]
944/S2 w/out Power Windows 85-91	E' U S'	9	C 4X6M[57]	D 4X6M[12,19,57]
Carrera 2/4 Coupe 90-93	E' U S'	6¾	C 84[73]	E 4X6M[57]
SAAB				
900 Sedan (3 Door) 83-93	E' U S'	8	A 4[12,13,65]	F 4X10[12,13]
900 Sedan (4 Door) 83-93	E' U S'	8	A 4[12,13,65]	E 4X10[12,13]
9000 Sedan (5 Door) 86-94	E' U S'	8½	A 4[58]	F 90[13]
SATURN				
SL/SL1/SL / SC 91-94	[E U S][3]	6½	C 90[61]	E 90[13]
SW1,SW2 Wagon 92-94	[E U S][3]	6½	C 90[13,61]	H 90[13]
SUBARU				
DL/GL Hatchback w/Trip Computer 87-89	[E U S][8,21]	6½	C 5¼[55]	F 6½[65]
DL/GL Hatchback w/out Trip Computer 87-89	E[8]	6¾	C 5¼[55]	F 6½[65]

Model and Year (If your car is not listed, please call) (Subaru continued)	Easy-Fit Receiver Sizes	Max. Depth inches	Easy-Fit Speakers (Factory locations and replacements) *Please call for other options* Front	Rear
DL/GL Sedan w/Trip Computer 85-87	[E U S][8,21]	6½	C 8[4,65] 4[65]	E 6½
DL/GL Sedan w/Trip Computer 88-89	[E U S][8,21]	6½	C 6½[58]	E 6½
DL/GLSedan w/out Trip Computer 85-87	[E U S][8,21]	6¾	C 8[4,65] 4[65]	E 6½
DL/GL Sedan w/out Trip Computer 88-89	[E U S][8,21]	6¾	C 6½[58]	E 6½
DL/GL Sprt Coupe w/Trip Computer 87-89	[E U S][8,21]	6½	C 5¼[56]	F 6½[65]
DL/GL Sprt Coupe w/out Trip Computer 87-89	E[8]	6¾	C 5¼[56]	F 6½[65]
GL Hatchback w/Ashtray Beside Radio 85-88	U	6⅛	–	F 84[12]
GL Liftback w/Trip Computer 85-87	[E U S][8,21]	6½	C 8[4,65] 4[65]	E 6½
GL Liftback w/out Trip Computer 85-87	E[8]	6¾	C 8[4,66] 4[66]	E 6½
Justy Hatchback 87-94	I[2] U	7¾	A 4X6[12,25]	–
Impreza Sedan 93-94	I[1,2]	7	C 6½[13,62]	E 6½[13]
Legacy Sedan 90-94	U	8⅛	C 9[2,51]	E 6½
Loyale Coupe w/Trip Computer 90-94	[E U S][8,21]	6½	C 5¼[4,56]	F 6½[65]
Loyale Coupe w/out Trip Computer 90-94	E[8]	6¾	C 5¼[3,61]	F 6½[65]
Loyale Sedan w/Trip Computer 90-94	[E U S][8,21]	6½	C 6½[58]	E 6½
Loyale Sedan w/out Trip Computer 90-94	E[8]	6¾	C 6½[58]	E 6½
SVX Coupe 92-94	I[1,2]	6⅝	C 6½[13]	E 6X9[13]
XT Coupe 85-91	U	7	C 6½[51]	E 6½
SUZUKI				
Samurai Utility 86-87	E U[3]	8	B 4[25,61]	–
Samurai W/Lighter Above Radio 88-94	E' U S'	8	B 4[25,61]	–
Samurai W/Lighter Beside Radio 88-94	E U[3]	8	B 4[25,61]	–
Sidekick Utility 89-91	[E U S][21]	7¾	A 4[8]	–
Sidekick Utility 92-93	[E U S][21]	7⅞	A 4[13] 84	K 4 84[8,77]
Swift Hatchback 89-91	E' U S'	7½	A 4[8,13,59]	D 4[73,7]
Swift Hatchback 92-94	E U S	7⅜	A 4[13,59]	D 4[73,13,25] 84[73,13,25]
Swift Sedan 90-91	E' U S'	7½	A 4[8,13,59]	E 6½
TOYOTA CARS				
Camry Sedan 92-94	I[1,2] U S	8½	C 90[61,19]	E 5¼[25]
Camry Sedan EQ/Tape Below Radio 83-86	I[2] U	6[3]/16	A 8[1,53,13]	E 8[4] 90[8]
Camry Sedan EQ/Tape Below Radio 87-88	I[2] U	8	A 8[1,73] 3½[73]	E 6½[25,57] 5¼[25,57]
Camry Sedan EQ/Tape Below Radio 89-91	I[2] U	8		E 5¼[25,57]
Camry Sedan Pocket Below Radio 83-86	I[1,2] U	6⅛	A 8[1,53,13]	E 90[8] E 84[8]
Camry Sedan Pocket Below Radio 87-88	I[1,2] U	8	A 3[61,19]	E 5¼[25,57] 6½[25,57]
Camry Sedan Pocket Below Radio 89-91	I[1,2] U	8		H[19]
Camry Wagon 92-94	I[1,2,5] U S	8½	C 90½[73,19] 81[73,19]	–
Camry Wagon EQ/Tape Below Radio 87-88	I[2] U	8	A 3½[73] 81[73]	–
Camry Wagon EQ/Tape Below Radio 89-91	I[2] U	8	N. R.	–
Camry Wagon Pocket Below Radio 87-88	I[1,2] U	8	A 3½[73,19] 81[73,19]	–
Camry Wagon Pocket Below Radio 89-91	I[1,2] U	8	N. R.	–
Celica Cpe CD/Pocket Below Radio 90-91	I[1,2] U	7	A 81	D 6½
Celica Coupe CD Below Radio 92-93	I[1,2] U	7	A 81	D 90[63,13]
Celica Coupe EQ/Tape Below Radio 82-85	I[2] U	7⅛	A 3½[8,12,25]	E 84 4
Celica Coupe Pocket Below Radio 82-85	I[1,2] U	7⅛	A 3½[8,12,25]	E 4 84
Celica Coupe Pocket Below Radio 92-93	I[1,2] U	7	A 81	D 90[63,13]
Celica Hatch CD/Pckt Below Radio 90-91	I[1,2] U	7	A 81	D 6½
Celica Hatch EQ/Tape Below Radio 82-85	I[2]	5⅞	A 3½[12,25,68]	F 4[25] 84[25]
Celica Hatch Pocket Below Radio 82-85	I[1,2] U	5⅞	A 3½[12,25,68]	F 4[25] 84[25]
Celica Coupe EQ Or Tape Below Radio 86-89	I[2] U	8½	A 81	E 84[13]
Celica Coupe Pocket Below Radio 86-89	I[1,2] U	8½	A 81	E 84[13]
Celica Hatch EQ/Tape Below Radio 86-89	I[2] U	8½	A 81	F 84
Celica Hatch Pocket Below Radio 86	I[1,2] U	8½	A 81	F 84
Celica Hatch Pocket Below Radio 87-89	I[1,2] U	8½	A 81	F 84
Corolla Hatch EQ/Tape Below Radio 84-86	I[2] U	6⅛	A 8[1,53]	F 4[8,12]
Corolla Hatch Pocket Below Radio 84-86	I[1,2] U	6⅛	A 8[1,53]	F 4[8,12]
Corolla Liftback EQ/Tape Below Radio 87	I[2] U	6⅛	A 8[1,53]	F 4[8,12]
Corolla Liftback Pocket Below Radio 87	I[1,2] U	6⅛	A 8[1,53]	F 4[8,12]
Corolla Sedan 88-92	I[1,2] U	7½	A 8[1,12,65]	E 5¼[8,13,27,59]
Corolla Sedan 93-94	I[1,2]	7⅜	C 84[13,57]	E 5¼[25,13] 6½[25,13]
Corolla Sedan EQ/Tape Below Radio 84-87	I[2] U	6⅛	A 3½[53] 8[1,53]	E 84[8,12,59]
Corolla Sedan Pocket Below Radio 84-87	I[1,2] U	6⅛	A 3½[53] 8[1,53]	E 84[8,12,59]
Corolla FX Hatch EQ/Tape Below Radio 87-88	U I[2]	5¾	A 8[1,50]	F 4[19,12] 84[12]
Corolla FX Hatch Pocket Below Radio 87-88	U I[1,2]	5¾	A 8[1,50]	F 4[19,12] 84[12]
Corolla GTS Coupe EQ/Tape Below Radio 84-86	I[2] U	7½	A 81	E 5¼[8,12,13]
Corolla GTS Coupe EQ/Tape Below Radio 87	I[2] U	7½	A 81	E 5¼[8,12,13]
Corolla GTS Coupe Pocket Below Radio 84-87	I[1,2] U	7½	A 81	E 5¼[8,12,13]
Corolla GTS Coupe 88-91	I[1,2] U	7½	A 81	E 84[73,13]
Corolla GTS Lftbk EQ / Tape Below Radio 84-86	I[2]	8	A 81	F 5¼[12]
Corolla GTS Lftbk Pocket Below Radio 84-86	I[1,2] U	7½	A 81	F 5¼[12]
Corolla SR5 Cpe EQ Or Tape Below Radio 84-86	I[2] U	7½	A 81	E 5¼[8,12,13]
Corolla SR5 Cpe EQ Or Tape Below Radio 87	I[2] U	7½	A 81	E 5¼[8,12,13]
Corolla SR5 Cpe Stacked Unit/No Radio 88-91	I[1,2] U	7½	A 81	E 84[73]
Corolla SR5 Lfbk EQ Or Tape Below Radio 84-86	I[2]	8	A 81	F 5¼[12]
Corolla SR5 Lfbk Pocket Below Radio 84-86	I[1,2] U	7½	A 81	F 5¼[12]
Corolla Wagon 93-94	I[1,2,5]	7⅜	C 4[25,13,57]	F 4[19]

Model and Year (If your car is not listed, please call) (Toyota continued)	Easy-Fit Receiver Sizes	Max. Depth inches	Easy-Fit Speakers (Factory locations and replacements) Please call for other options Front	Rear
Cressida Sedan 85-88	[2] U	7	A 81[54]	E 5X7
Cressida Sedan 89-93	[2] U	7¾	A 81[71] C 5¼[57]	E 90[19]
MR2 Coupe 85-86	[1,2] U	7½	A 81[56]	–
MR2 Coupe 91-94	[1,2] U	7½	C 84[54,78] C 6½[6,78]	–
MR2 EQ/Tape Below Radio 88-89	[2] U S	8	A 81[56]	–
MR2 Pocket Below Radio 88-89	[1,2] U	8	A 81[56]	–
MR2 EQ/Tape Below Radio 87	[2] U S	8	A 81[56]	–
MR2 Pocket Below Radio 87	[1,2] U	8	A 81[56]	–
Paseo Coupe 92-94	[1,2] U	8 9/16	C 4[7,13,54]	E 6½[25,10]
Supra Eq Or Tape Below Radio 82-86	[2]	7⅛	A[19]	F 84[19]
Supra Pocket Below Radio 82-86	[1,2] U	7⅛	A[19]	F 84[19]
Supra Liftback Intro. 6/86 86-90	[2] U	7½	C 4[58]	F 84[59]
Supra Liftback 91-92	U [2]	7½	C 4[58]	F 84[59]
Tercel Coupe Eq Or No Radio 87-90	[2] U S	7½	A 81[65]	E 4
Tercel Coupe Pocket Below Radio 87-90	[1,2] U	8 7/16	A 81[65]	E 4
Tercel Liftback 4" Tall Console Opening 85-86	[1,2] U	7 7/16	A 81	D 4[9,25] 5¼[8]
Tercel Liftback 6" Tall Console Opening 85-86	[1,2] U S	8	A 81	D 4[9,25] 5¼[8]
Tercel Liftback Eq Or No Radio 87-90	[2] U S	7½	A 81[65]	–
Tercel Liftback Pocket Below Radio 87-90	[1,2] U	8 7/16	A 81[65]	–
Tercel Sedan 91-94	[1,2] U	7½	C 4[7,13,58]	D 4[21,53] D 84[25,53] E 6½
TOYOTA PICKUPS, VANS, UTILITY				
4Runner 2 Door w/2" Opening 90-92	[1,2] U	7¼	A 81[58,13]	L 6½[6,25,13,69] 5¼[6,25,13,69]
4Runner 2 Door w/4" Opening 90-92	[2] U	7¼	A 81[58,13]	L 5¼[25,13,69] 6½[6,25,13,69]
4Runner 4 Door w/2" Opening 90-94	[1,2] U	7¼	A 81[58,13]	L 6½[25,77] 5¼[25,77]
4Runner 4 Door w/4" Opening 90-94	[2] U	7¼	A 81[58,13]	L 5¼[25,77] 6½[25,77]
4Runner Utility 84-89	[2,3] U	7⅜	A 81[55]	K 5¼[12,13,19]
Landcruiser Utility 82-87	U	6¾	C 84[61]	–
Landcruiser Utility 88-90	[1,2] [U S][1]	8	C 5¼[15]	L 6½
Pickup 79-83	[U S][1,21]	6¾	C 4[55]	–
Pickup 84-88	[2] U	7⅜	A 81[55]	–
Pickup 2" Tall Dash Opening 89-91	[1,2] U	6⅝	A 81[6,73]	J 84[(Ext. Cab)]
Pickup 4" Tall Dash Opening 89-91	[2] U	7	A 81[6,73]	J 84[(Ext. Cab)]

Model and Year (If your car is not listed, please call) (Toyota continued)	Easy-Fit Receiver Sizes	Max. Depth inches	Easy-Fit Speakers (Factory locations and replacements) Please call for other options Front	Rear
Pickup 92-94	[2] U	7	A 81[6,73]	J 84[(Ext. Cab)]
Previa Van 91	[1,2]	9¼	A 5¼[58]	K 5¼[81]
Previa Van 92-94	[1,2]	9¼	–	K 5¼[81]
T-100 Pickup 93-94	[1,2] U	8½	C 5¼[60,13]	J[19]
Van 87-90	[1,2] U	8	A 81[7,65]	M 84[69]
VOLKSWAGEN				
Cabriolet Convertible 88-94	[E] U S[1]	5⅝	C 4X6M[12,13,63]	D 3½[12,55]
Corrado Hatchback 90-94	[E] U S[1]	6¾	A 4M[13,57] C 4M[13,62]	F 4X6M[12,13,57]
Eurovan 93-94	[E U S][28]	5⅞	C 5¼[58]	K 5M[13,80]
Fox Coupe and Sedan 87-93	[E] U S[1]	7	A 81[12,19,58]	E 90[22]
Fox Wagon 88-90	[E] U S[1]	7	A 81[12,19,58]	F 4X6M
Golf/GTI Hatchback 85-92	[1,6] U	6⅜	A 3½[27] C 5¼[8,12,57]	F 4X6M[8,12,19] 5X7[8,12,18]
Jetta Sedan 85-92	E U S[1]	6	A 3½[53] C 5¼[8,12,61]	E 4[19]
Passat Sedan 90-94	[E] U S[1]	7	A 4M[61] C 4[65]	E 6½[19]
Passat Wagon 90-94	[E] U S[1]	7	A 4M[61] C 4[8,65]	F 4X6[12,57]
Rabbit Hatchback 81-84	[E][21] U S	6⅝	A 3½[53]	F 4X6M[8,12] 5X7[9,12]
Scirocco Hatchback 82-88	[E] U S[1]	6⅛	C 4X6M[13,57]	F 4X6M[12,13]
VOLVO				
240 Series Sedan 82-89	E U	7¾	C 4[25,56]	–
240 Series Sedan 90-93	E U	7¾	C 5¼[56]	E 84[25,10]
240 Series Wagon 82-89	E U	7¾	C 4[25,56]	–
240 Series Wagon 90-93	E U	7¾	C 5¼[56]	D 4[6,8,13,25,55]
740 Sedan & Wagon 85-92	E U S	8⅜	C 5¼[19,57]	D 5¼[19,57]
760 Sedan 83-88	E U S	8⅜	C 84 4[25,57,13]	E 5¼[8]
760 Sedan 89-90	[E] U S[1]	9	C 84 4[25,57,13]	E 5¼[8]
760 Wagon 83-88	E U S	8⅜	C 5¼[19,57]	D 5¼[9,57]
760 Wagon 89-90	[E] U S[1]	9	C 5¼[19,57]	D 5¼[19,57]
780 Coupe 89-91	[E] U S[1]	8⅜	C 5¼[59,13]	E 6X9[13]
850 Sedan 93-94	[E U S][19]	8⅛	C 84, 4[27,13,61]	D 5¼[27,13]
940 Sedan 91-93	E U S	8⅜	C 84[25,57] 4[25,57]	E 6X9[12]
940/960 Wagon 91-94	E U S	8⅜	C 4[25,57,13]	D 4[25,57,13]
960 Sedan 92-94	E U S	8	C 84[25,57] 4[25,57]	E 6X9[10,12]

FOOTNOTES

Receiver Related Footnotes:

1. Installation kit is not required.
2. Use factory brackets. Supplied with factory radio or available from your automobile dealer.
3. Kit is required unless vehicle came with factory radio.
4. Underdash kit is required.
5. Kit is not essential but improves appearance, fit, or saves time.
6. Pullout receivers cannot be installed in this car without major modification.
8. Extension kit provides additional depth.
19. Please call Sales Advisor for additional information.
20. Modifications to the installation kit will be required.
21. Modifications to your car's dash may be required.
28. Removal of factory rear support will increase depth. Support may have to be cut out or unbolted.

Speaker Related Footnotes:

2. With power windows only.
3. Without power windows only.
6. May require removal of factory bracket and/or grilles.
7. Grille and/or bracket is required if vehicle was not originally equipped with speakers. Available through dealer parts.
8. Only possible if vehicle is equipped with factory speakers.
9. Only possible if vehicle is not equipped with factory speakers.
10. Cutting is required if car is not equipped with factory speakers.
11. Interference with door pocket or other interior parts possible.
12. Bottom mount speakers only.
13. Mounting height / tweeter protrusion is restricted.
19. Please call Sales Advisor for more information.
25. Parts may be required, and will be supplied by Crutchfield to complete the installation for this size and location.

Cavity / Speaker Depth Footnotes:

50. 1⅛"	58. 2⅛"	66. 3⅛"	74. 4⅛"
51. 1¼"	59. 2¼"	67. 3¼"	75. 4¼"
52. 1⅜"	60. 2⅜"	68. 3⅜"	76. 4⅜"
53. 1½"	61. 2½"	69. 3½"	77. 4½"
54. 1⅝"	62. 2⅝"	70. 3⅝"	78. 4¾"
55. 1¾"	63. 2¾"	71. 3¾"	79. 4⅞"
56. 1⅞"	64. 2⅞"	72. 3⅞"	
57. 2"	65. 3"	73. 4"	

Special Application Speakers:

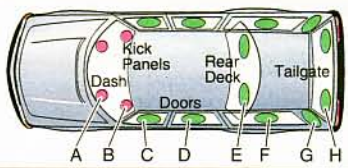
Note: The following speakers apply to specific cars within the "Installation Guide". But mounting depth, height, and tweeter protrusion must be checked before ordering.

81. Pioneer TS-1018 (see p. 38).
82. Jensen JFX-1442, JCX-2442 (see p. 38).
84. Infinity RS-402 II, 42-K II (see p. 39).
85. Sony XS-628 (see p. 44).
89. Pioneer TS-A5703/5705, Kenwood KFC-HQ570, Advent AM57I (6x8 size) (see pg. 44).
90. Sony XS-HL36 (see p.46), Polk MM6520 (see p. 44) Polk MM3065 (see p. 47).
92. JVC CS-627, Pioneer TS-A1645, TS-A1675, and Kenwood 6½" models (see pp. 41 & 44).

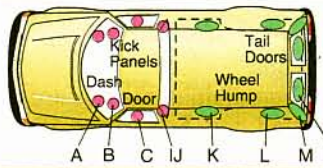
Speaker Location Codes

- **A** Front dash
- **B** Front kick panels
- **C** Front door panels
- **D** Rear door or rear seat side panels
- **E** Rear deck (below rear window)
- **F** For hatchbacks, on shock towers or side panels; for station wagons, on or behind rear wheel wells
- **G** For hatchbacks, on rear quarter panel; for station wagons, on rear pillar or roof
- **H** Tailgate
- **I** Upper rear pillars (extended cab)
- **J** Behind seat, in cab corners or lower side wall
- **K** Mid-rear side panels
- **L** Far-rear side panels
- **M** Rear pillar post or roof (vans, utility vehicles)
- **N** Tail doors

SEDAN/ HATCHBACK/ COUPE/ WAGON



PICKUP/ VAN/ UTILITY VEHICLE



Car Stereo Speakers

It's easy to replace those flimsy factory speakers

Although factory stereos have improved in recent years, factory speakers are still pretty weak. They typically use cheap, thin paper cones. Most don't even have tweeters. Their magnets, which affect bass response, are tiny.

Don't expect to hear much treble from this factory speaker. No tweeters! Brittle paper cones are susceptible to damage from exposure to weather extremes.

We offer speakers with woofer cones made of polypropylene or other high-tech materials, which produce tight bass and resist heat, cold, moisture and sunlight.

Polypropylene woofer cones generate full, rich bass tones and withstand harsh climate conditions. Separate tweeters reproduce accurate highs.

The tweeters in the speakers we carry look and sound like the tweeters in home speakers.

Speakers are the factory system's weakest link, but they're also the most cost-efficient to upgrade. You'll get the most noticeable improvement in your system's sound for the fewest dollars.

Front Dash

In most vehicles, you have easy access to the dash speakers.

With this component system, the midrange driver goes in the dash.

Rear Deck

In many cars, you simply pop off the grille and remove a few screws.

5"x7" 3-way speaker fits the rear deck of a Taurus.

SA *Special Application speakers like this 5"x7" are designed as drop-in replacements.* *See pp. 37-47.*

Door Panel

Want to keep your car's interior in mint condition? Put new speakers in factory locations.

To remove a door panel, typically, you first unscrew a few screws, then use a panel tool or putty knife to release the retaining clips.

We Make It Easier!

FREE Installation Parts

For most popular cars, we supply an adapter so you can plug your new speakers directly into the factory stereo wiring—no splicing!

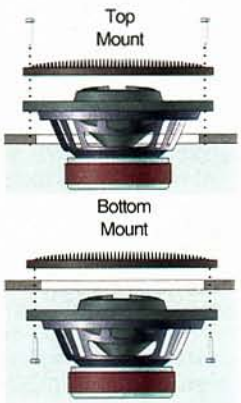
If special hardware is needed to adapt the new speakers to the factory openings, we supply it–FREE.

FREE Instruction Booklets

With your purchase, you'll receive FREE installation instructions for your car. And, for the most popular cars, our Master Instruction booklets take you step by step through the installation. How to remove your door panels. How to use our wiring adapters. What tools are required.

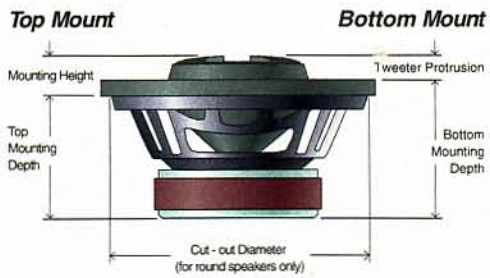
FREE Help 7 days a week

Installation experts are on duty from 8am to Midnight (Eastern time).



The ins and outs of top and bottom mounting

Some speakers that fit when top-mounted, won't work as a bottom-mount. Dimensions for top-and bottom-mounting are in the charts on the following pages. To be sure you'll get the best fit possible, consult the installation guide on pages 28-35 or give us a call toll-free.



Popular upgrades for the veteran weekend installer

If you thought subwoofers were just for the boom cars that cruise shopping mall parking lots blasting music at 140 dB, think again.

Used judiciously in a well designed system, subwoofers add a civilized helping of bottom end that can spell the difference between a very good system and a great one.

Self-contained models are easy to install, too. **See pages 48-52.**

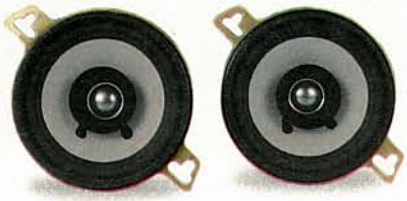
Subwoofer boxes let you enjoy big bass without cutting big holes in your car. ***See pp. 48-49.***

A component speaker system made up of separate woofers and tweeters render great stereo images. The components are not as tricky to mount as you might suspect. ***See pp. 45-47.***

Your speakers will sound better at high or low volume when you add more power to your system. ***See pp. 56-64.***

Kenwood KFC-830G 3½"

Good things do come in small packages. This rugged dual-cone has a frame specially designed to fit most GM cars. Why settle for the mediocre sound of standard factory speakers when Kenwood quality is this affordable? Grilles not included.



Item #113KFC830G List Price: $50 ***YOUR PRICE: $39.95 pair***

Infinity 32-K 3½"

Infinity redesigned their popular 32-K to create the most durable, most precise 3½" ever. The Kappa Series model uses an injection-molded poly/graphite woofer and a Polycell high-frequency cone to give you richer, fuller sound in your dash. Grilles not included.

Item #108RS32K List Price: $50 ***YOUR PRICE: $39.95 pair***

Blaupunkt RL 3524 3½"

The 2-way design of the RL 3524 brings you crisp, highs without the high price. The resin laminate cone can handle the exposure to full sunlight in dash locations. This is our only 3½" with a dome tweeter—great sound!

Item #023RL3524

List Price: $50 ***YOUR PRICE: $39.95 pair***

Pioneer TS-879 3½"

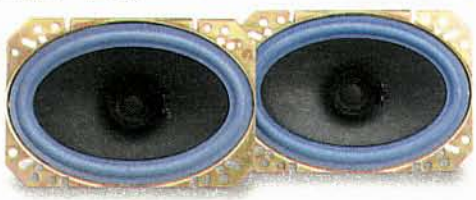
Pioneer makes it easy for GM, Ford, and VW owners to experience crisp highs and improved imaging with these 3½" 2-ways. Slipping a pair of these into your dash is the quickest way to make your system sparkle. Grilles not included.

Item #130TS879

List Price: $84 ***YOUR PRICE: $54.95 pair***

Jensen JFX-1246 4"x6"

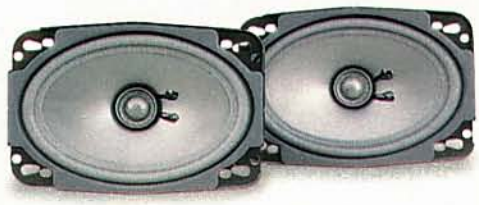
These Jensens deliver full-range sound at an easily affordable price. Ordinary factory speakers don't come close. You'll find that upgrading your dash speakers with these rugged dual-cone models will make your whole system sound better. Made in USA. Grilles not included.



Item #110JFX1246 List Price: $40 ***YOUR PRICE: $29.95 pair***

Infinity 462-K 4"x6"

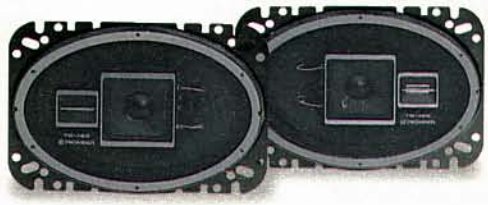
For legendary Infinity sound in your dash, try a pair of these Kappa Series 4x6s. An advanced injection-molded poly/graphite woofer coupled with their Polycell high-frequency cone will give your system tighter bass and crisper highs. Grilles not included.



Item #108RS462K List Price: $60 ***YOUR PRICE: $49.95 pair***

Pioneer TS-469 4"x6"

If you're fed up with the weak, tinny sound of factory 4x6s, try Pioneer's Maxxial TS-469s. This unique 3-way design has separate woofers, midranges, and tweeters. The cone midrange and ceramic horn tweeter let you hear every detail. Grilles not included.



Item #130TS469 List Price: $105 ***YOUR PRICE: $69.95 pair***

Kenwood KFC-4671 4"x6"

This 2-way from Kenwood is our most efficient 4"x6" speaker. Just a few watts are all you need for crisp, clear sound. The woofer is reinforced with resin and impregnated with silicone for double resistance to moisture. Grilles *are* included.

Item #113KFC4671 List Price: $110 ***YOUR PRICE: $89.95 pair***

Advent 4.6i 4"x6"

With a pair of these mounted in the dash you'll really be able to hear the accuracy and improved imaging of Advent's ICT design (the woofer and tweeter share the voice coil). The low-profile tweeter helps them fit easily behind factory grilles. Grilles *are* included. Made in USA.

Item #005AM46I List Price: $119 ***YOUR PRICE: $99.95 pair***

	Top Mount		Bottom Mount								
	Mounting Height	Depth	Tweeter Protrusion	Depth	Cut-out Diameter	Sensitivity (dB)	Frequency Response (Hz)	Power Range (watts RMS)	Peak Power Handling (watts)	List Price	Your Price
3½" Speakers											
Blaupunkt RL3524	5/16	1 9/16	0	1 7/8	3 7/16	90	90-25K	2-20	40	$50	$39.95
Infinity 32-K	3/16	1 9/16	0	1 3/4	3 3/8	86	112-16K	2-18	35	$50	$39.95
Kenwood KFC-830G	1/4	1 9/16	0	1 13/16	3 3/8	89	96-20K	2-9	30	$50	$39.95
Pioneer TS-879	3/16	1 7/16	0	1 5/8	3 7/16	88	90-20K	2-10	40	$84	$54.95
4" x 6" Speakers											
Advent 4.6i	1/4	1 1/16	0	1 15/16	–	89	60-23K	2-25	60	$119	$99.95
Infinity 462-K	5/16	1 1/16	0	2	–	86	98-16K	2-20	50	$60	$49.95
Jensen JFX-1246	3/16	1 1/16	0	1 7/8	–	90	70-20K	2-25	50	$40	$29.95
Kenwood KFC-4671	5/16	1 1/2	1/8	1 13/16	–	91	60-20K	2-13	45	$110	$89.95
Pioneer TS-469	3/8	1 1/16	0	2 1/16	–	89	50-22K	2-10	40	$105	$69.95

Jensen JFX-1442 • JCX-2442 4"

The JFX-1442 is a standard 4" dual-cone with an extra set of holes to fit Renault Alliance/Encore through '85. Made in USA.

Item #110JFX1442
List Price: $45 (pictured)
YOUR PRICE: $39.95 pair

*For crisper high frequencies, go with the **JCX-2442** with a separate tweeter. Top mount only.*

Item #110JCX2442 List Price: $70 ***YOUR PRICE: $59.95 pair***

Pioneer TS-1018

If you own a late-model Toyota or Mitsubishi car, pickup, or van, Pioneer has a 4" 2-way speaker that fits the dash openings of many models without modification. Also fits '87–'90 Chevy Corsica dash with some modification.

Item #130TS1018
List Price: $84 ***YOUR PRICE: $49.95 pair***

Infinity 100KD • 120KD 4"m/5"m

With a poly/graphite woofer and polycarbonate dome tweeter, the 100KD brings high- level performance to the tough-to-fit dash openings of some late-model Mercedes and Audis.

Item #108100KDIN
List Price: $110
YOUR PRICE: $99.95 pair

*The larger **120KD** fits Mercedes 200/300 series.*

Item #108120KDIN List Price: $120 ***YOUR PRICE: $109.95 pair***

Kenwood KFC-463V 4"x6"m

The KFC-463V provides great sound and a no-hassle fit for the smaller metric 4x6 openings found in many European cars (VW Golf, Porsche, Mercedes Benz and BMW). The tough poly woofer can handle the intense sunlight exposure of dash installations. Kenwood's looking out for you.

Item #113KFC463V List Price: $90 ***YOUR PRICE: $69.95 pair***

	Top Mount		Bottom Mount									
	Mounting Height	Depth	Tweeter Protrusion	Depth	Cut-out Diameter	Sensitivity (dB)	Frequency Response (Hz)	Power Range (watts RMS)	Peak Power Handling (watts)	List Price	Your Price
Specialty Dash Speakers											
Infinity 100KD	9/16	1 1/16	–	–	3 1/16	88	75-20K	2-35	70	$110	$99.95
Infinity 120KD	5/8	1 3/4	–	–	4 5/16	88	65-20K	2-40	80	$120	$109.95
Jensen JFX-1442	3/16	1 9/16	0	1 3/4	4 1/16	90	61-20K	2-30	80	$45	$39.95
Jensen JCX-2442	5/16	1 1/16	3/16	1 7/8	4 1/16	90	61-21K	2-30	85	$70	$59.95
Kenwood KFC-463V	1/4	1 3/4	1/16	1 15/16	–	89	70-20K	2-14	45	$90	$69.95
Kenwood KFC-HQ460	1/4	1 3/4	0	2	–	89	45-30K	2-16	55	$160	$129.95
Pioneer TS-1018	7/16	1 1/2	0	1 15/16	4 1/16	88	50-20K	2-10	40	$84	$49.95
Pioneer TS-A4605	1/2	1 7/8	0	2 1/8	–	89	45-30K	2-10	50	$156	$99.95
Pioneer TS-P461	5/16	1 5/8	0	1 15/16	–	90	60-25K	2-10	40	$204	$129.95
Polk MM 4620	1/8	1 1/16	0	1 3/4	–	90	120-20K	2-50	100	$120	$99.95
Sony XS-PL46	5/16	1 9/16	0	1 7/8	–	90	40-30K	8-40	80	$180	$99.95

Pioneer TS-A4605 4"x6"/4"x6"m

The TS-A4605 has the two things we look for in a speaker: terrific sound, and installation flexibility. It combines a blended poly woofer with a 1⅛" dome tweeter. As is, the special European basket fits VW Golf and Mercedes Benz S-series. Two supplied spacers work with many GM models, including S-10 and IROC-Z.

Item #130TSA4605 List Price: $156 ***YOUR PRICE: $99.95 pair***

Kenwood KFC-HQ460 4"x6"

High quality sound for cars with 4"x6" cutouts. The KFC-HQ460 produces surprisingly potent bass response from its polypropylene woofer cone and crystalline highs from its 1" polyimide film balanced dome tweeter. Works well with amps producing up to 16 watts RMS per channel.

Item #113HQ460 List Price: $160 ***YOUR PRICE: $129.95 pair***

Polk MM 4620 4"x6"m Plate

This compact 4"x6" plate speaker packs a major musical punch. Polk's proven ingredients are all here: polymer laminate mid/bass cone and a ½" dome tweeter. But the key to the smooth, wide-open sound is the built-in crossover; one of the best we've ever seen in a car speaker.

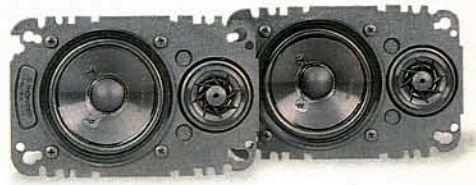
Item #107MM4620 List Price: $120 ***YOUR PRICE: $99.95 pair***

Sony XS-PL46 4"x6" Plate

Make the most of your car's 4"x6" openings with these remarkable midrange/tweeter plates from Sony. Each has a ¾" polymer film tweeter and a 4" polymer laminate woofer. Besides sounding great and handling serious power, these rugged speakers laugh at heat, cold, and moisture.

Item #158XSPL46 List Price: $180 ***YOUR PRICE: $99.95 pair***

Pioneer TS-P461 4"x6" Plate



These midrange/tweeter plates add real zip to your system. Each has a ½" dome tweeter and a 3⅜" poly cone woofer. Drive them full range, or use the supplied 6 dB/octave, 500 Hz high-pass filter for tighter sound and greater power handling (Freq. resp. 85-25k Hz; 50 RMS/150 peak).

Item #130TSP461 List Price: $204 ***YOUR PRICE: $129.95 pair***

JVC CS-427 4"

Here's more proof that budget speakers don't have to sound cheap. JVC's CS-427 combines a moisture-resistant, resin-coated woofer and a separate cone tweeter. The easy-mounting squared-off design makes it a natural for door- or dash-mounting.

Item #105CS427 List Price: $50 ***YOUR PRICE: $39.95 pair***

Pioneer TS-G1033 4"

Hard to believe you can get a pair of 4" speakers with true 2-way design and Pioneer durability for only $49.95. Separate woofers and tweeters prevent blurring of high and low frequencies. Great Pioneer sound at an even better price.

Item #130TSG1033

List Price: $84 ***YOUR PRICE: $49.95 pair***

Kenwood KFC-1074 4"

Even with something as basic as a 4" coaxial, Kenwood's dedication to quality comes through loud and clear. The water-resistant woofer cone is strong and durable. And the separate cone tweeter keeps the midrange and upper frequencies crisp and clean.

Item #113KFC1074 List Price: $80 ***YOUR PRICE: $59.95 pair***

Pioneer TS-A1090 4"

The TS-A1090 2-way combines a separate 1⅝" tweeter and a water-resistant blended poly woofer. Vocals are in focus and instruments stand out crisp and clear. Ideal for door installations, with sharp-looking mesh grilles.

Item #130TSA1090 List Price: $114 ***YOUR PRICE: $69.95 pair***

Sony XS-1022 4"

Sony's XS-1022 is consistently one of our best-selling 4" speakers. The water-resistant poly woofer cone makes it a logical choice for door installations. Isn't it time you treated your ears to the Sony difference?

Item #158XS1022 List Price: $110 **SALE: $49.95 pair**

Advent 4.0i 4"

Although these are 2-way speakers, Advent's ICT design literally "suspends" the tweeter in the woofer's voice coil at the acoustic center of the speaker. High and low frequencies seem to come from the same point. This "point source" design really improves imaging. The 4.0i fits behind virtually *all* factory grilles.

Item #005AM40I List Price: $99 ***YOUR PRICE: $89.95 pair***

Kenwood KFC-HQ102 4"

"Digital-ready" is a term that gets tossed around a lot, but not all speakers can meet the frequency response and power-handling demands of CD playback. These Kenwoods can. The woofer is injection-molded poly. The 1" Balanced Dome tweeter is angled slightly to get more of the music to your ears.

Item #113HQ102 List Price: $140 ***YOUR PRICE: $119.95 pair***

Infinity RS-402 II

Slightly larger than a standard 4" speaker, Infinity's RS-402 II *sounds* a little bigger, too. The woofer cone is an all-new blended-poly design tough enough to resist extremes of temperature and humidity. The tweeter is the latest refinement of Infinity's popular Polycell cone.

Item #108RS4022 List Price: $90 ***YOUR PRICE: $59.95 pair***

Infinity 42-K II

If this oversized 4" will fit your application, you'll get sound you won't believe from such a small speaker. The poly/graphite woofer is held in place with a new super-pliable butyl rubber surround that helps the cone react more quickly to the music. Infinity's Polycell high frequency cone does the rest.

Item #10842K2 List Price: $100 ***YOUR PRICE: $79.95 pair***

	Top Mount		Bottom Mount								
	Mounting Height	Depth	Tweeter Protrusion	Depth	Cut-out Diameter	Sensitivity (dB)	Frequency Response (Hz)	Power Range (watts RMS)	Peak Power Handling (watts)	List Price	Your Price
4" Speakers											
Advent 4.0i	3/16	1 3/4	0	1 15/16	4 1/16	89	65-23K	2-30	75	$99	$89.95
JVC CS-427	3/8	1 3/4	1/4	1 7/8	4 1/16	89	50-20K	2-22	45	$50	$39.95
Kenwood KFC-1074	1/4	1 3/4	–	–	4	90	60-21K	2-17	50	$80	$59.95
Kenwood KFC-HQ102	3/8	1 3/4	1/4	1 13/16	4 1/16	89	55-22K	2-20	60	$140	$119.95
Pioneer TS-G1033	1/4	1 1/16	–	–	4 1/16	91	45-20K	2-10	50	$84	$49.95
Pioneer TS-A1090	3/8	1 3/4	–	–	4 1/16	90	50-24K	2-10	50	$114	$69.95
Sony XS-1022	3/8	1 1/16	5/16	1 3/4	4 1/16	90	50-20K	2-15	60	$110	$49.95
4" Special Application											
Infinity RS-402 II	1/8	1 1/16	0	1 13/16	4 1/16	88	80-16K	2-25	50	$90	$59.95
Infinity 42-K II	1/8	1 13/16	0	1 15/16	4 1/8	87	98-16K	2-25	50	$100	$79.95

Sony XS-3022 5¼"

Top Mount Only

Sony's XS-3022 can put clean, open highs and startlingly solid bass in your car's doors or deck. The high-compliance poly woofer and lightweight tweeter combine to produce seamless sound that will fill your car's interior.

Item #158XS3022 List Price: $120 **SALE: $59.95 pair**

Blaupunkt RL5429 5¼

Blaupunkt's elegant speaers look right at home in European luxury sedans. But hey, they look and sound great in just about anything with four wheels. The Resin Laminate woofer offers rugged reliability. A 1" dome tweeter lets all the music come through.

Item #023RL5429 List Price: $110 ***YOUR PRICE: $79.95 pair***

Kenwood KFC-1374 5¼"

Top Mount Only

Kenwood makes life easy for do-it-yourself installers with this clean-sounding 2-way. Its shallow basket and low-profile tweeter allow it to fit many snug applications where other 5¼" speakers just won't go. It even fits behind most factory grilles.

Item #113KFC1374

List Price: $100 ***YOUR PRICE: $79.95 pair***

Pioneer TS-A1390 • TS-A1395 5¼"

Top Mount Only

With a water-resistant, carbon-blended poly woofer cone, the TS-A1390 is ideal for door-mounts.

Item #130TSA1390

List Price: $114 (pictured)

YOUR PRICE: $79.95 pair

*The **TS-A1395** uses an upgraded woofer cone and a ⅞" dome tweeter for better sound all the way around.*

Item #130TSA1395

List Price: $138 ***YOUR PRICE: $89.95 pair***

	Top Mount		Bottom Mount									
	Mounting Height	Depth	Tweeter Protrusion	Depth	Cut-out Diameter	Sensitivity (dB)	Frequency Response (Hz)	Power Range (watts RMS)	Peak Power Handling (watts)	List Price	Your Price
5¼" Speakers											
Advent 5.2i	¼	1⅞	–	–	4 9/16	90	60-23K	2-35	90	$119	$99.95
Blaupunkt RL5429	½	2¼	¼	2½	4⅞	92	44-25K	2-35	90	$110	$79.95
Infinity RS-502 II	⅜	2	⅛	2¼	4⅝	91	70-20K	2-30	60	$120	$99.95
Infinity 52-K II	¾	2⅛	–		4⅝	88	63-22K	8-30	60	$150	$119.95
Kenwood KFC-1374	5/16	1 13/16	–	–	4⅜	91	50-20K	2-26	80	$100	$79.95
Kenwood KFC-HQ132	½	2¼	–	–	4½	91	45-30K	8-26	80	$160	$129.95
Pioneer TS-A1390	7/16	2 1/16	–	–	4 9/16	90	45-24K	2-35	100	$114	$79.95
Pioneer TS-A1395	½	2 1/16	–	–	4⅝	90	45-30K	2-35	100	$138	$89.95
Polk MM 5520	¾	2⅜	½	2⅝	4⅞	89	40-20K	8-75	150	$140	$119.95
Sony XS-3022	7/16	1⅞	–	–	4 13/16	90	45-24K	2-30	100	$120	$59.95

Advent 5.2i 5¼"

Top Mount Only

The 5.2i is the speaker of choice for door installations behind factory grilles. Its basket design and low-profile tweeter are perfect for European cars, as well. Advent's innovative ICT tweeter technology gives the 5.2i point source accuracy and excellent imaging. Made in USA.

Item #005AM52I List Price: $119 ***YOUR PRICE: $99.95 pair***

Infinity RS-502 II 5¼"

With their RS-502 II, Infinity's clean, detailed sound is more affordable. The blended-poly cone resists temperature extremes and moisture. And the polycarbonate tweeter has a unique plastic guard with radiating blades to ensure phase accuracy and excellent dispersion.

Item #108RS5022 List Price: $120 ***YOUR PRICE: $99.95 pair***

Polk MM 5520 5¼"

These 5¼s deliver music with such clarity and accuracy, it's no wonder Polk calls them Mobile Monitors. The polymer laminate woofer cone is supported by a butyl rubber surround. The ½" dome tweeter is fluid-cooled for greater power handling capacity.

Item #107MM5520 List Price: $140 ***YOUR PRICE: $119.95 pair***

Infinity 52-K II 5¼"

Top Mount Only

For Crutchfield customers with an ear for quality, the latest Kappa II Series sets the performance standard. This 5¼" design uses Infinity's improved injection-molded poly/graphite woofer for more bass punch; now with a high-performance butyl rubber surround. A separate low-diffraction tweeter module produces crisp highs and better dispersion throughout your vehicle.

Item #10852K2 List Price: $150 ***YOUR PRICE: $119.95 pair***

Kenwood KFC-HQ132 5¼"

Top Mount Only

You can see in the photo that the tweeter sits up on a "bridge" that straddles the woofer cone. This eliminates the support pillar that normally protrudes from the center of the woofer, allowing the woofer to be fitted with a dust cap for proper tuning. The result? Better bass. The Balanced Dome tweeter is angled for better imaging.

Item #113HQ132 List Price: $160 ***YOUR PRICE: $129.95 pair***

Pioneer TS-G1630 6½"

These super-efficient 6½" dual-cones deliver an amazing amount of rich, full-range sound, even when driven with a low-powered receiver. The moisture-resistant woofer cone makes them a safe choice for door mounting. Don't wait for your old, worn-out speakers to crumble to dust. Step up to Pioneer quality today!

Item #130TSG1630 List Price: $69 ***YOUR PRICE: $39.95 pair***

Pioneer TS-G1633 6½"

The TS-G1633 is the way to get great bass on a budget. And its 2-way design delivers super sound from door or deck locations. These 6½s are an easy upgrade to your system. They're really efficient, so a few watts are all you need to drive them.

Item #130TSG1633 List Price: $96 ***YOUR PRICE: $49.95 pair***

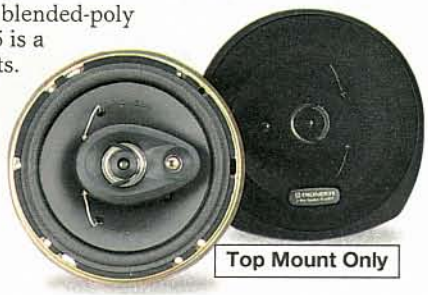
JVC CS-627 6½"

JVC's coaxial CS-627 doesn't do anything fancy. It just puts out solid bass and smooth, natural highs. The water-resistant, resin-coated woofer makes it a good choice for door-mounting. The CS-627 can handle up to 100 watts, too.

Item #105CS627 List Price: $75

YOUR PRICE: $49.95 pair

Pioneer TS-A1645 • TS-A1675 6½"



Both of these speakers use a blended-poly woofer. The 2-way TS-A1645 is a slim-line design for tight spots.

Item #130TSA1645
List Price: $120

YOUR PRICE: $69.95 pair

The 3-way ***TS-A1675*** *provides increased accuracy and power handling.*

Item #130TSA1675
List Price: $174 (pictured)

YOUR PRICE: $109.95 pair

Kenwood KFC-1674 6½"

With a coated paper woofer for resistance to moisture, the KFC-1674 is an excellent choice for doors or rear decks. It's Kenwood's most efficient 6½", so you don't need to add an amplifier to hear your music loud and clear.

Item #113KFC1674
List Price: $100

YOUR PRICE: $79.95 pair

Sony XS-6031 6½"

Our sale price on Sony's 3-way XS-6031 makes it one of the best car speaker values you'll find this Spring. A cone midrange and film dome tweeter combine for extra smooth sound through the mids and highs. A poly woofer delivers big bass wallop. Part of the reason behind the extra bass slam is a larger magnet, so check your mounting depth.

Item #158XS6031 List Price: $145 **SALE: $69.95 pair**

Blaupunkt RL6529 6½"

Never content to offer just another "me-too" product, Blaupunkt always aims a little higher. These 6½" 2-way speakers use Resin Laminate woofer cones and 1" soft dome tweeters to deliver full-bodied sound.

Item #023RL6529
List Price: $130 ***YOUR PRICE: $89.95 pair***

Kenwood KFC-1684 6½"

With an overall sound similar to Kenwood's 2-way KFC-1674, the KFC-1684 adds a ½" dome tweeter for extra high frequency coverage. That and their higher power handling capacity makes them a better choice with an amp.

Item #113KFC1684 List Price: $140 ***YOUR PRICE: $99.95 pair***

Infinity RS-602 II 6½"

The RS-602 II's low profile design allows easy installation behind existing factory grilles in many vehicles. And what an improvement over factory speakers! The polypropylene woofer resists temperature extremes and humidity, while the polycarbonate tweeter lets you hear all the details.

Item #108RS6022 List Price: $120 ***YOUR PRICE: $99.95 pair***

	Top Mount		Bottom Mount								
	Mounting Height	Depth	Tweeter Protrusion	Depth	Cut-out Diameter	Sensitivity (dB)	Frequency Response (Hz)	Power Range (watts RMS)	Peak Power Handling (watts)	List Price	Your Price
6½" Speakers											
Blaupunkt RL6529	5/8	2 3/16	3/8	2 7/16	5	93	39-25K	2-45	90	$130	$89.95
Infinity RS602 II	5/8	2 3/16	–	–	5 1/8	92	60-20K	2-50	100	$120	$99.95
JVC CS-627	5/8	1 13/16	–	–	4 7/8	90	40-20K	2-50	100	$75	$49.95
Kenwood KFC-1674	7/16	1 1/16	–	–	4 7/8	92	50-20K	2-33	100	$100	$79.95
Kenwood KFC-1684	3/8	2 1/16	–	–	4 7/8	90	45-21K	2-50	150	$140	$99.95
Pioneer TS-G1630	5/16	1 1/16	–	–	4 15/16	92	35-20K	2-20	80	$69	$39.95
Pioneer TS-G1633	5/16	1 1/16	–	–	4 15/16	92	35-25K	2-20	80	$96	$49.95
Pioneer TS-A1645	13/16	1 1/16	–	–	5	91	35-25K	2-35	100	$120	$69.95
Pioneer TS-A1675	3/4	2 3/16	–	–	5	91	35-30K	2-40	120	$174	$109.95
Sony XS-6024 MkII	3/4	1 3/4	–	–	4 7/8	90	35-22K	2-30	120	$120	$69.95
Sony XS-6031	13/16	2 9/16	–	–	5	91	35-26K	2-35	160	$145	$69.95

Advent 6.5i 6½"

"In terms of imaging at the driver's seat, the 6.5i is as good as any coaxial or 2-way component set I've heard."—*Car Stereo Review*. The low-profile tweeter and shallow depth means it fits behind most factory grilles.

Top Mount Only

Item #005AM65I List Price: $139 ***YOUR PRICE: $119.95 pair***

Infinity 62-K II • 63-K II 6½"

Infinity's Kappa technology includes poly/graphite woofers with super-pliable butyl rubber surrounds to give music that wide-open quality.

Item #10862K2 List Price: $160

YOUR PRICE: $129.95 pair

Top Mount Only

The 63-K (pictured) adds Infinity's famous EMIT tweeter.

Item #10863K2 List Price: $210 ***YOUR PRICE: $179.95 pair***

Pioneer TS-A1680 6½"

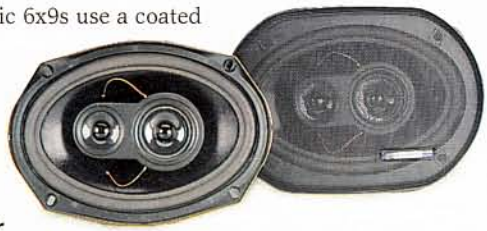
From bottom to top, this 3-way Pioneer demonstrates what *full range* is all about. The bass is deep and rich. A ¾" titanium dome midrange and ½" dome tweeter produce brilliant mids and highs. Voices and musical instruments jump to life.

Item #130TSA1680

List Price: $216 ***YOUR PRICE: $139.95 pair***

Top Mount Only

Jensen JCX2469 • JTX3469 6"x9"



Jensen's American Classic 6x9s use a coated woofer cone for greater rigidity and durability. The 2-way JCX2469 sounds smooth and full. Made in USA.

Item #110JCX2469

List Price: $90

YOUR PRICE: $69.95 pair

*The 3-way **JTX3469** (pictured) has a separate midrange for more warmth.*

Item #110JTX3469 List: $130 ***YOUR PRICE: $89.95 pair***

	Top Mount		Bottom Mount									
	Mounting Height	Depth	Tweeter Protrusion	Depth	Cut-out Diameter	Sensitivity (dB)	Frequency Response (Hz)	Power Range (watts RMS)	Peak Power Handling (watts)	List Price	Your Price
6½" Speakers											
Advent 6.5i	7/16	1⅞	–	–	4 9/16	91	45-23K	2-50	125	$139	$119.95
Infinity 62-K II	1	2⅛	–	–	5⅛	88	58-22K	8-55	110	$160	$129.95
Infinity 63-K II	1	2⅛	–	–	5⅛	88	54-45K	8-55	110	$210	$179.95
Pioneer TS-A1680	1 3/16	2 3/16	–	–	5	91	35-30K	8-40	150	$216	$139.95
6" x 9" Speakers											
Jensen JCX2469	1 3/16	2 13/16	5/16	3 5/16	–	91	35-23K	2-55	160	$90	$69.95
Jensen JTX3469	1 3/16	3 1/16	5/16	3 5/16	–	92	30-26K	2-65	190	$130	$89.95
Jensen JXL693	–	–	0	4	–	93	40-26K	2-85	175	$140	$84.95
JBL GT-961	9/16	2 15/16	0	3½	–	92	45-22K	2-35	105	$119	$89.95
Kenwood KFC-6973	9/16	3	1/16	3½	–	91	35-25K	2-30	105	$150	$99.95
Kenwood KFC-6983	5/8	3 1/16	⅛	3 9/16	–	92	30-26K	2-45	150	$170	$139.95
Pioneer TS-A6940	¾	2 9/16	¼	3 1/16	–	92	30-25K	2-35	100	$132	$79.95
Sony XS-6920 II	9/16	2½	0	3 1/16	–	91	35-20K	2-35	140	$120	$69.95
Sony XS-6933	9/16	2¾	0	3 5/16	–	92	30-26K	2-40	160	$150	$69.95

Pioneer TS-A6940 6"x9"

Enjoy great sound and good looks on a budget with Pioneer's TS-A6940. The heavy-duty glass-embedded poly woofer and 2⅝" cone tweeter make beautiful music together. The TS-A6940 can be top- or bottom-mounted, and it's compatible with GM's factory speaker housing.

Item #130TSA6940 List Price: $132 ***YOUR PRICE: $79.95 pair***

Sony XS-6933 6"x9"

Here's big savings —$30!— on one of our biggest-selling 6x9 speakers. Its compound poly woofer is supported by a super-pliable butyl rubber surround. Advantages include better transient response and greater resistance to the UV radiation in sunlight. Both the 2½" cone midrange and ¾" film dome tweeter are low-profile designs for easy under-deck mounting.

Item #158XS6933 List Price: $150 **SALE: $69.95 pair** *Supplies limited*

Jensen JXL693 6"x9"

Jensen's finest 6x9, a best-seller for a long time, was top-rated by the leading consumer magazine. The rugged woofer works with the separate midrange and tweeter cones to produce super-smooth sound. Top-mount spacer #110JA69, $18.95 pair. Made in USA.

Item #110JXL693 List Price: $140 ***YOUR PRICE: $84.95 pair***

JBL GT-961 6"x9"

Now you can cruise with JBL, speakers designed to please the toughest customers—pro musicians. The 3-way GT-961 provides prodigious bass, thanks to the heavy duty polypropylene woofer cone. Midrange and tweeter are also polypropylene, for smooth sound and long life.

Item #109GT961 List Price: $119 ***NEW LOW PRICE: $89.95 pair***

Kenwood KFC-6973 • KFC-6983 6"x9"

It won't take you long to install either of these Kenwood 3-ways, but what a difference they'll make! Both use tough woofers, cone mids and dome tweeters.

Item #113KFC6973

List Price: $150 ***YOUR PRICE: $99.95 pair***

KFC-6983's upgraded woofer & tweeter allow it to handle more power.

Item #113KFC6983 List Price: $170 ***YOUR PRICE: $139.95 pair***

Blaupunkt RL6922 • RL6937 6"x9"

With a Resin Laminate woofer and 1" soft dome tweeter, the RL6922 sounds unusually smooth and accurate.

Item #023RL6922
List Price: $150
YOUR PRICE: $99.95 pair

*The **RL6937** (pictured) is a dual-tweeter version that ensures that high frequencies make it from the rear deck to your ears.*

Item #023RL6937 List Price: $170 **YOUR PRICE: $119.95 pair**

Pioneer TS-A6950 • TS-A6970 6"x9"

The TS-A6950 combines 3-way accuracy with Pioneer's road-proven reliability.The 2⅝" cone midrange and tweeter produce smooth, easy sound. Mounts from top or bottom.

Item #130TSA6950
List Price: $180 **YOUR PRICE: $99.95 pair**

*The **TS-A6970** (pictured) adds a supertweeter to sound extra crisp & clean.*

Item #130TSA6970 List Price: $216 **YOUR PRICE: $139.95 pair**

Advent 6.9i 6"x9"

Two big benefits of Advent's ICT technology are more accurate stereo imaging, and greater reliability because a tweeter crossover is no longer needed. Since there's no tweeter protrusion, the 6.9i fits easily behind most factory grilles. Made in USA.

Item #005AM69I List Price: $149 **YOUR PRICE: $129.95 pair**

Infinity RS-6902 II • RS-6903 II 6"x9"

Designed for budget-minded audiophiles who refuse to settle for ordinary sound, these 6x9s use newly-designed polypropylene woofers.

Item #108RS69022
List Price: $170
YOUR PRICE: $139.95 pr

*The 3-way **RS-6903** (pictured) offers greater musical accuracy and power handling.*

Item #108RS69032 List Price: $210 **YOUR PRICE: $169.95 pair**

Infinity 692-K II • 693-K II 6"x9"

Infinity's 2-way 692-K combines a poly/graphite woofer with a responsive butyl rubber surround for tight bass. The Polycell mid/tweeter sounds great.

Item #108692K2
List Price: $200
YOUR PRICE: $169.95 pr

*The 3-way **693-K** (pictured) adds Infinity's EMIT tweeter for crisper highs.*

Item #108693K2 List Price: $250 **YOUR PRICE: $219.95 pair**

Pioneer TS-A6980 6"x9"

Pioneer adds microscopic glass bubbles to their poly woofer cones to make them rigid yet lightweight. Mid and high frequencies are precisely handled by the 2⅝" midrange, 1¼" tweeter, and supertweeter. You'll hear every detail.

Item #130TSA6980 List Price: $294 **YOUR PRICE: $179.95 pair**

Kenwood KFC-HQ690 6"x9"

It's hard to do better than Kenwood's best. The 3-way KFC-HQ690 delivers powerful 6x9 sound. Its injection-molded poly woofer is highly rigid to move air more efficiently. A 2¾" midrange cone and 1" polyimide film balanced dome tweeter handle the highs.

Item #113KFCHQ69 List Price: $250 **YOUR PRICE: $199.95 pair**

Polk MM 6930 6"x9"

Drop in a pair of MM 6930 6x9" 3-ways, and energize your car audio. A stiff but lightweight poly laminate woofer delivers tight bass. A 2" poly laminate cone midrange gets the vocals right. And a ½" ferrofluid-damped dome tweeter supplies clear, true-to-life highs. It all adds up to a musical performance that's distinctively "Polk."

Item #107MM6930 List Price: $230 **YOUR PRICE: $199.95 pair**

Blaupunkt RL5400P Plate

This 2-way only needs 1⅜" of mounting depth. The 5¼" Resin Laminate woofer delivers bass with surprising kick. The 1" soft dome tweeter is easy on the ears. As with all plate mounts, high power is recommended for best results. Requires 3⅜" cut-out.

Item #023RL5400P List Price: $190 **YOUR PRICE: $149.95 pair**

	Top Mount		Bottom Mount								
	Mounting Height	Depth	Tweeter Protrusion	Depth	Cut-out	Sensitivity (dB)	Frequency Response (Hz)	Power Range (watts RMS)	Peak Power Handling (watts)	List Price	Your Price
6" x 9" Speakers											
Advent 6.9i	½	3 3/16	0	3 1/16	–	91	40-23K	2-60	150	$149	$129.95
Blaupunkt RL6922	⅞	3⅛	3/16	3⅜	–	94	34-25K	2-60	120	$150	$99.95
Blaupunkt RL6937	1 5/16	3⅛	¼	3⅜	–	95	29-25K	2-85	170	$170	$119.95
Infinity RS-6902 II	¾	2 5/16	0	3 1/16	–	93	60-20K	2-80	150	$170	$139.95
Infinity RS-6903 II	¾	2 5/16	0	3 1/16	–	92	60-22K	2-90	180	$210	$169.95
Infinity 692-K II	¾	3⅛	0	3⅜	–	90	34-22K	8-80	150	$200	$169.95
Infinity 693-K II	¾	3⅛	0	3⅜	–	90	34-45K	8-100	200	$250	$219.95
Kenwood KFC-HQ690	¾	3 7/16	¼	3 5/16	–	92	28-30K	2-60	200	$250	$199.95
Pioneer TS-A6950	1 3/16	2¾	5/16	3¾	–	93	30-26K	2-40	120	$180	$99.95
Pioneer TS-A6970	1 3/16	3¼	5/16	3¾	–	93	28-27K	2-50	160	$216	$139.95
Pioneer TS-A6980	1 3/16	3⅜	5/16	3⅜	–	93	28-30K	2-50	200	$277	$179.95
Polk MM 6930	1 7/16	3	1	3⅜	–	89	34-20K	8-100	250	$230	$199.95
Plate Speaker											
Blaupunkt RL5400P	1½	1⅜	–	–	3⅜	92	40-24K	8-50	100	$190	$149.95

Sony XS-628

Ford, Nissan and Mazda owners—if you're looking for an affordable front door replacement speaker, this 2-way Sony is the one. Its specially-designed terminal block accepts some Mazda and Ford factory connectors, and the bolt pattern and oversized frame match perfectly for easy mounting.

Item #158XS628 List Price: $130 ***YOUR PRICE: $79.95 pair***

Pioneer TS-1620 II • TS-1688 II

Now cars that require an oversized 6½" speaker can move up to Pioneer performance and durability. The TS-1620 II has a polypropylene woofer, dome tweeter and cone midrange.

Item #130TS16202
List Price: $145
YOUR PRICE: $89.95 pair

Top Mount Only

*The high-performance **TS-1688 II** (pictured) has a carbon fiber woofer, dome tweeter and dome midrange.*
Item #130TS16882 List Price: $240 ***YOUR PRICE: $149.95 pair***

Polk MM 6520

Polk's MM 6520 brings audiophile performance to the growing number of cars that require an oversized 6½" speaker. The big polymer laminate woofer goes deep, yet is never muddy in the midrange. The ½" dome tweeter sounds effortlessly clean and clear. Requires 5⅝" cut-out.

Item #107MM6520 List Price: $180 ***YOUR PRICE: $149.95 pair***

Kenwood KFC-HQ160 6½"

For terrific sound from a standard-sized 6½", it's hard to beat Kenwood's best. The KFC-HQ160 uses their "balanced dome" tweeter, combining the best qualities of the dome (wide dispersion and extra detail) and the cone (high efficiency).

Top Mount Only

Item #113KFCHQ16 List Price: $170 ***YOUR PRICE: $149.95 pair***

	Top Mount		Bottom Mount									
	Mounting Height	Depth	Tweeter Protrusion	Depth	Cut-out Diameter	Sensitivity (dB)	Frequency Response (Hz)	Power Range (watts RMS)	Peak Power Handling (watts)	List Price	Your Price
Special Application											
Advent 5.7i	7/16	2¼	0	2 1/16	–	91	45-23K	2-35	90	$139	$119.95
Kenwood KFC-411G	1 1/16	2 7/16	0	3⅜	–	91	60-20K	2-30	100	$120	$99.95
Kenwood HQ-570	⅜	2 1/16	0	2⅜	–	91	40-30K	2-38	120	$170	$139.95
Kenwood KFC-HQ160	⅞	2¼	–	–	4⅞	90	35-22K	8-45	150	$170	$149.95
Pioneer TS-A5703	⅜	2⅛	0	2½	–	91	40-23K	2-35	100	$132	$79.95
Pioneer TS-A5705	⅜	2⅛	0	2½	–	91	40-24K	2-40	120	$156	$99.95
Pioneer TS-1620 II	7/16	1⅞	–	–	–	91	30-25K	2-20	80	$145	$89.95
Pioneer TS-1688 II	7/16	1⅞	–	–	–	90	28-30K	2-30	100	$240	$149.95
Pioneer TS-A4103	½	2½	0	3	–	91	38-23K	2-35	120	$150	$99.95
Pioneer TS-A4105	½	2½	0	3	–	92	38-25K	2-35	120	$174	$119.95
Polk MM 6520	1 1/16	2⅝	7/16	2⅞	5⅝	90	35-20K	8-100	200	$180	$149.95
Sony XS-628	7/16	1¾	0	2 3/16	5½	89	40-21K	8-25	80	$130	$79.95

Pioneer TS-A4105 • TS-A4103 4"x10"

If you've never heard tight bass from a 4"x10", try one of these stylish Pioneers. Both deliver smooth sound. The TS-A4105 treats your ears to 3-way precision.

Item #130TSA4105 List Price: $174 (pictured)
YOUR PRICE: $119.95 pair

*The **TS-A4103** is an efficient, affordable 2-way.*
Item #130TSA4103 List Price: $150 ***YOUR PRICE: $99.95 pair***

Kenwood KFC-411G 4"x10"

The KFC-411G allows a lot more people to experience Kenwood sound. Its frame will fit most GM cars without modification. Because the 2" cone tweeter sits flush, with no protrusion, bottom-mounting is a snap. The poly woofer is a good choice for sunlight-intensive dash or rear deck applications. Grilles not included.

Item #113KFC411G List Price: $120 ***YOUR PRICE: $99.95 pair***

Pioneer TS-A5703 • TS-A5705 5"x7"/6"x8"

The custom-designed basket and gasket of the TS-A5703 & TS-A5705 match Ford, Chrysler and Toyota 5"x7" (except Celica) and Ford 6"x8" openings. Both use poly woofers.

Item #130TSA5703
List Price: $132 ***YOUR PRICE: $79.95 pair***

*The **TS-A5705** (pictured) is our only 5"x7" 3-way.*
Item #130TSA5705 List Price: $156 ***YOUR PRICE: $99.95 pair***

Advent 5.7i 6"x8"

These smartly designed 2-ways fit most 6"x8" openings in late-model cars and trucks. Thanks to Advent's ICT driver design, they also deliver superb sound. Their recessed tweeters don't protrude beyond the speaker housing, so they'll mount easily behind your factory grilles. Made in USA.

Item #005AM57I List Price: $139 ***YOUR PRICE: $119.95 pair***

Kenwood KFC-HQ570 5"x7"/6"x8"

Kenwood has customized a first-class 2-way speaker to fit Ford, Chrysler and Toyota 5"x7" or 6"x8" factory cutouts. With polypropylene woofers and polyimide film dome tweeters, their sound really cooks. An excellent choice for Ford Taurus rear decks.

Item # 113HQ570 List Price: $170 ***YOUR PRICE: $139.95 pair***

Pioneer TS-X100 • TS-X200

Pioneer's 2-way surface mount TS-X100 offers excellent sound for the money. Bass reflex enclosures and 4" poly woofers deliver the punch, while horn tweeters produce crisp, lively highs.

Item #130TSX100 List: $138 ***YOUR PRICE: $79.95 pair***

*The larger **TS-X200** adds a 2¼" cone midrange and has richer bass.*

Item #130TSX200 List: $174 ***YOUR PRICE: $99.95 pair*** (pictured)

Specs: Freq. Resp. 80-20k/65-30k Hz. Dim: 11⅜"W x 4⅞"H x 6½"D/13⅜"W x 4⅞"H x 6⅞"D.

Blaupunkt CB-4500

This 2-way surface-mount has the durability to keep that impressive Blaupunkt sound pumping for years. Behind the metal grilles of each die-cast enclosure is a 4" water-resistant poly woofer and a super-smooth 1" linen dome tweeter. Mounting brackets and hardware are included.

Specifications: Frequency response 60-20,000 Hz. Dimensions: 7$^{5}/_{16}$"W x 4$^{9}/_{16}$"H x 4½"D.

Item #023CB4500 List Price: $180 ***YOUR PRICE: $149.95 pair***

Polk Car Audio

For nearly 20 years, Polk has specialized in one area: speakers. Highly-accurate, musically-satisfying speakers. Using the same labs and listening rooms that have given birth to their award-winning home speakers (see p. 110), Polk approached car speakers the same way, using super-durable composite materials that sound great. After all, car speakers daily face extremes of heat, cold, and moisture that would destroy most home speakers.

That's why Polk goes to the trouble of using microscopic layers of aerospace-grade aluminum and stainless steel in their tri-laminate dome tweeter. And why all cone drivers are a polymer laminate design, with soft, UV-resistant butyl rubber surrounds.

Polk MM 1200 Tweeter

MM 1200

MM 3000

Polk's MM 1200 ½" dome tweeter not only delivers outstanding sound, but at just $69.95 a pair, it's an outstanding value. Designed for surface-mounting, the MM 1200 adds crisp clarity to any system. The MM 1200 is fluid-cooled for greater reliability and power-handling. In-line crossovers (3500 Hz @ 12 dB/octave) are included. Warr: 1 year.

Specifications: Frequency response 3,500-20,000 Hz; Max. watts 75 RMS/100 peak; Sensitivity 92 dB. Dimensions: 2¼" diameter; mounting height 1¼".

Item #107MM1200 List Price: $80 ***YOUR PRICE: $69.95 pair***

Polk MM 3000 Tweeter

Flush-mount

Thin-mount

Surface-mount

This 1" tweeter set is one of the things that really sold us on Polk car audio. Four years of research, design, testing, and a lot of careful listening, have produced one of the very finest tweeters available for car use. Polk's unique trilaminate dome (see illustration on p. 110) uses three layers and three different materials. This helps eliminate the resonances that cause that harsh, metallic sizzle so common to car tweeters. This stiff, lightweight dome is driven by a small, powerful neodymium magnet. Polk uses an advanced (and costly) magnetic fluid to cool the voice coil structure. That, and the supplied precision crossover (2000 Hz @ 12 dB/octave) let you pour on the power. The MM 3000's versatile 3-way mounting system (see right) means you can add its silky, sweet sound to nearly any system. The swivel-mount design lets you aim the tweeters to get the best imaging. Warranty: 1 year.

Specifications: Frequency response 2,000-26,000 Hz; Max. watts 100 RMS/175 peak; Sensitivity 92 dB. Dim: 2⅜" diameter.

Item #107MM3000 List Price: $180

YOUR PRICE: $149.95 pair

Polk MM 1245 • MM 1255

These component sets let you enjoy the crystal-clear sound of Polk on a budget. They use the same polymer laminate mid/bass drivers as the 30-Series systems (see below). The differences are in the tweeters and crossovers. Both the MM 1245 (4" mid/bass) and MM 1255 (5¼" mid/bass) use the surface mount MM 1200 ½" dome tweeter (described at left). The crossovers are easy-to-install in-line units. But the bottom line is sound quality and these systems sound terrific. If you've been thinking about making the move to components, your timing couldn't be better! Warranty: 1 year. *MM 1255 is pictured.*

MM 1245 Specifications: Frequency response 60-20,000 Hz; Max. watts 50 RMS/100 peak; Sensitivity 88 dB. Mounting depth (4" woofer) 2".

Item #107MM1245 List Price: $180 ***YOUR PRICE: $149.95 system***

MM 1255 Specifications: Frequency response 40-20,000 Hz; Max. watts 100 RMS/150 peak; Sensitivity 89 dB. Mounting depth (5¼" woofer) 2⅞".

Item #107MM1255 List Price: $200 ***YOUR PRICE: $169.95 system***

Polk MM 3045 • MM 3055 • MM 3065

These three component systems all start with Polk's extraordinary MM 3000 1" dome tweeter (see left). You can mount it three different ways to cover any application: flush-mount, thin-mount or surface-mount. The mid/bass is a polymer laminate design: 4" for the MM 3045, 5¼" for the MM 3055, and an *oversized* 6½" for the MM 3065. The supplied crossovers are among the best we've seen. They include Polk's Safety Guard Circuit, which automatically reduces input to the tweeter when excess levels of potentially damaging amplifier current are detected. Tweeter level is adjustable to match your car and your taste. Warranty: 1 year. *MM 3055 is pictured.*

MM 3045 Specifications: Frequency response 60-26,000 Hz; Max. watts 50 RMS/100 peak; Sensitivity 88 dB. Mounting depth (4" woofer) 2".

Item #107MM3045 List Price: $320 ***YOUR PRICE: $279.95 system***

MM 3055 Specifications: Frequency response 40-26,000 Hz; Max. watts 100 RMS/175 peak; Sensitivity 89 dB. Mounting depth (5¼" woofer) 2⅞".

Item #107MM3055 List Price: $350 ***YOUR PRICE: $299.95 system***

MM 3065 Specifications: Frequency response 35-26,000 Hz; Max. watts 100 RMS/175 peak; Sensitivity 90 dB. Mounting depth (oversized 6½" woofer) 2⅞".

Item #107MM3065 List Price: $370 ***YOUR PRICE: $319.95 system***

Sony XS-HL25 • XS-HL26 & XS-HL35 • XS-HL36

Whatever your budget, one of these systems can put terrific 2-way component sound in your vehicle. You'll hear more accurate reproduction across the entire frequency range, plus improved imaging. The XS-HL25 and XS-HL26 provide crisp, detailed highs with a pair of surface-mount 1⅝" cone tweeters. The XS-HL35 and XS-HL36 step up to high-quality 1" balanced drive, fluid cooled polycarbonate dome tweeters for ultra-smooth, exceptionally natural highs. Both the XS-HL25 and XS-HL35 include a pair of rugged 5¼" polypropylene woofers for rich, accurate bass. The XS-HL26 delivers even fuller, deeper bass with a pair of beefy 6½" poly woofers. ***Note:** the XS-HL36 uses an oversized 6½" woofer.* All of these 2-way systems use 6 dB/octave, 6,000 Hz crossover networks that are mounted to the speakers, so installation is incredibly easy.

XS-HL25 Specifications: Frequency Response 45-21,000 Hz; Max. watts 30 RMS/100 peak; Sensitivity 89 dB; Mounting depth (5¼" woofer) 1⅞".

Item #158XSHL25 List Price: $195
YOUR PRICE: $99.95 system

XS-HL26 Specifications: Frequency Response 40-21,000 Hz; Max. watts 35 RMS/120 peak; Sensitivity 90 dB; Mounting depth (6½" woofer) 2½".

Item #158XSHL26 List Price: $220
YOUR PRICE: $119.95 system

XS-HL35 Specifications: Frequency Response 35-25,000 Hz; Max. watts 35 RMS/120 peak; Sensitivity 88 dB; Mounting depth (5¼" woofer) 2½".

Item #158XSHL35 List Price: $250
YOUR PRICE: $149.95 system (pictured)

XS-HL36 Specifications: Frequency Response 35-25,000 Hz; Max. watts 35 RMS/120 peak; Sensitivity 89 dB; Mounting depth (oversized 6½" woofer) 2⅞".

Item #158XSHL36 List Price: $280
YOUR PRICE: $159.95 system

Pioneer TS-C1001 • TS-C1301 • TS-C1601

Pioneer has been one of our very best-selling car speaker lines for years, so it's no surprise that their matched component sets stand out from the crowd. All three systems use a poly-ether imide hard dome tweeter that combines smooth, clean sound with remarkable durability. It can be flush- or surface-mounted. The TS-C1001 matches this tweeter with a 4" fiber-blended poly mid/woofer. The TS-C1301 uses a 5¼" mid/woofer, and the TS-C1601 uses a 6½". All three sets include a high-pass tweeter crossover that increases power handling dramatically.

TS-C1001 Specifications: Freq. Response 70-25,000 Hz; Max. watts 50 RMS/150 peak (w/crossover); Sensitivity 90 dB; Mounting depth (woofer) 2"; (tweeter) ¾".

Item #130TSC1001 List Price: $223
SALE: $129.95 system (pictured)

TS-C1301 Specifications: Freq. Response 55-25,000 Hz; Max. watts 50 RMS/150 peak (w/crossover); Sensitivity 90 dB; Mounting depth (woofer) 2 3/16"; (tweeter) ¾".

Item #130TSC1301 List Price: $241
SALE: $139.95 system

TS-C1601 Specifications: Freq. Response 40-25,000 Hz; Max. watts 50 RMS/150 peak (w/crossover); Sensitivity 90 dB; Mounting depth (woofer) 2 3/16"; (tweeter) ¾".

Item #130TSC1601 List Price: $253
SALE: $149.95 system

THANK YOU

Dear Crutchfield,

"I was surprised at how quickly the merchandise was delivered and how courteous the phone staff was. They answered all my questions and stopped me from buying something that didn't fit my car correctly."

Jason Smith
Photo Finisher
Annandale, VA

Kenwood KFC-P204 • KFC-P205 • KFC-P206

You don't listen to coaxial speakers at home and you don't have to in your car. Not when there are affordable matched systems like these Kenwoods, that sound great and are easy to install. All three systems use a 1" "balanced dome" tweeter, a dome inside a cone, for smooth, detailed sound with excellent dispersion. The tweeters can be flush- or surface-mounted. All three systems use a paper cone mid/woofer, 4" for the KFC-P204, 5¼" for the KFC-P205, and 6½" for the KFC-P206. Each system also includes a pair of in-line crossovers. On the KFC-P204 and KFC-P205, you can run the mid/woofers through the crossover, or let them roll off naturally.

KFC-P204 Specifications: Frequency Response 65-20,000 Hz; Max. watts 50 RMS/150 peak; Sensitivity 89 dB; Mounting depth (4" woofer) 1⅞", (tweeter) ⅞".

Item #113KFCP204 List Price: $170
YOUR PRICE: $149.95 system

KFC-P205 Specifications: Frequency Response 60-20,000 Hz; Max. watts 50 RMS/150 peak; Sensitivity 90 dB; Mounting depth (5¼" woofer) 2 3/16", (tweeter) ⅞".

Item #113KFCP205 List Price: $190
YOUR PRICE: $159.95 system (pictured)

KFC-P206 Specifications: Frequency Response 50-20,000 Hz; Max. watts 50 RMS/150 peak; Sensitivity 90 dB; Mounting depth (6½" woofer) 1¾", (tweeter) ⅞".

Item #113KFCP206 List Price: $200
YOUR PRICE: $169.95 system

Cerwin-Vega CMT-5

The CMT-5 is a perfect component system for use with a subwoofer. Its high fidelity 5¼" midrange speakers and flush-mount dome tweeters deliver superb Cerwin-Vega sound. This system includes bass blockers to keep damaging frequencies below 80 Hz from reaching the midrange drivers, and a 4000 Hz high pass (18 dB per octave) crossover that runs in line between mids and tweeters. Easy hookup, high sensitivity and power handling make this one a winner.

Specifications: Frequency Response 80-20,000 Hz; Max. watts 45 RMS/90 peak; Sensitivity 95 dB; Mounting depth (mid) 2⅜", (tweeter) ⅝" with 2⅛" cutout.

Item #050CMT5 List Price: $200
SALE: $99.95 system *Supplies limited*

CONSUMER TIP

Component Speakers: Improving Your Image

In most cars, speakers mount at the bottom of the door. That's fine for bass, but it doesn't do much for the more delicate high frequencies.

Component speaker systems, with separate midrange/woofers and tweeters, let you put the bass down low and the highs where they belong—near your ears. You can mount the tweeters at the top of your door or on the dash, filling your car with a breathtaking stereo effect.

Component systems come with true crossover networks. The crossovers divide the sound between the tweeter and the mid/woofer, taking full advantage of the strengths of each component.

If you're looking for absolutely amazing sound, try installing a separate amplifier or two with a component system. The extra power will deliver richer bass and more accurate highs, giving you the maximum sound quality for your time and money.

Infinity
RS-400 • RS-500 • RS-600

Infinity high performance for a low price is what the RS Separates Series is all about. All three systems use a wide-dispersion ¾" Polycell dome tweeter made of air-filled poly foam for distinctive Infinity highs. And each includes a polypropylene woofer mounted in a heavy-duty frame for ultra-quick, tight mid/bass response free of muddy resonances. The RS Separates Series also provides installation ease and flexibility. Designed to fit the existing speaker cutouts in most vehicles (see pp. 28-35 for your car), the RS-400 features an oversized 4" woofer, the RS-500 a 5¼" woofer, and the RS-600 uses a long-throw 6½" woofer. A carefully-tuned 3,500 Hz passive crossover included with each.

RS-400 Specifications: Frequency response 90-20,000 Hz; Max. watts 60 RMS/125 peak; Sensitivity 89 dB; Mounting depth (woofer) 1⅞".

Item #108RS400 List Price: $200

YOUR PRICE: $159.95 system

RS-500 Specifications: Frequency response 80-20,000 Hz; Max. watts 80 RMS/145 peak; Sensitivity 89 dB; Mounting depth (woofer) 2½".

Item #108RS500 List Price: $220 (pictured)

YOUR PRICE: $179.95 system

RS-600 Specifications: Frequency response 60-20,000 Hz; Max. watts 100 RMS/180 peak; Sensitivity 89 dB; Mounting depth (woofer) 2½".

Item #108RS600 List Price: $230

YOUR PRICE: $189.95 system

Infinity Kappa CS-4 II • CS-5 II • CS-6 II

If you're the kind of listener who wants to *feel* the pulse of a drumbeat or hear the squeak of a finger sliding down a guitar string, you'll love Infinity's high-performance CS II 2-way component speaker systems.

Better Infinity sound comes from superior cone construction. A more sophisticated crossover provides ultra-smooth transition between midrange and tweeter.

All three systems include surface- or flush-mountable 1" Polycell dome tweeters with a 1" polyfoam diaphragm for superior dispersion and a neodymium magnet for higher efficiency. When you position them high on your door panels, you'll get great stereo separation and breathtaking image detail.

The superb, tight sound of the mid/woofers comes from cones made of injection-molded poly/graphite and butyl rubber surrounds.

The CS-4 II's mid/woofer is what we call a 5"; slightly larger than a standard 4" speaker.

The CS-5 II uses a 5¼" mid/woofer while the CS-6 II has a 6½" version.

Separate crossover modules for right and left channels are included. An adjustable tweeter level control lets you tweak the sound to perfection.

CS-4 II Specifications: Frequency response 100-22,000 Hz; Max. watts 45 RMS/90 peak; Sensitivity 88 dB; Mounting depth (woofer) 2".

Item #108CS42 List Price: $300

YOUR PRICE: $249.95 system

CS-5 II Specifications: Frequency response 80-22,000 Hz; Max. watts 50 RMS/100 peak; Sensitivity 88 dB; Mounting depth (woofer) 2⅜".

Item #108CS52 List Price: $330

YOUR PRICE: $279.95 system

CS-6 II Specifications: Frequency response 58-22,000 Hz; Max. watts 60 RMS/120 peak; Sensitivity 88 dB; Mounting depth (woofer) 2½".

Item #108CS62 List Price: $350

YOUR PRICE: $299.95 system

Advent
AM-4200 • AM-5200

These thoughtfully designed component speaker systems combine that famous, velvety-smooth Advent sound with one of the most flexible and complete mounting packages we've seen.

The civilized yet surprisingly potent bottom end comes from a dual-voice-coil Tuff-Kote mid-woofer. A sophisticated 1" neodymium ferrofluid-filled tweeter supplies warm, crisp, flavorful treble that's never shrill or mechanical.

The supplied adapter plates let you easily mount the AM-4200 woofer/tweeter set in Ford 6"x8" cutouts. The tweeter can also be surface-mounted or flush-mounted and an "eyeball" socket provides easy angling toward the listeners for optimum dispersion of high frequencies and vivid stereo imaging.

There's also a tweeter adapter plate that can be trimmed to fit 3½", 4" or 4"x6" dash openings.

A 12dB/octave crossover with a 3-position level adjustment lets you tweak the balance for sound that's just right.

The dual voice coil design allows the speakers to be configured as 4-ohm or 8-ohm loads. This gives you maximum flexibility when wiring additional speakers to the same amplifier channel.

The AM-4200 system comes with a 4" mid/woofer, which makes its ideal for front door installations. It will handle serious power: up to 40 watts RMS per channel.

The AM-5200 uses a beefier 5¼" mid-woofer for stronger bass where space permits. It will handle up to 60 watts RMS.

Both systems use the same great sounding tweeter and user-friendly crossover system. And both systems are efficient enough to give you plenty of volume, even with moderately powered systems.

AM-4200 Specifications: Frequency Response 65-22,000 Hz; Max. watts 40 RMS/100 peak; Sensitivity 88dB; Mounting depth (woofer) 1¾".

Item #005AM4200 List Price: $300

YOUR PRICE: $269.95 system

*The **AM-5200** (pictured) offers the same crossover, tweeter and tweeter mounting options but includes a larger 5¼" woofer for deeper bass. Instead of a 6"x8" adapter plate, you get one that's designed for 6"x9" cutouts.*

AM-5200 Specifications: Frequency Response 60-22,000 Hz; Max. watts 60 RMS/150 peak; Sensitivity 88dB; Mounting depth (woofer) 2⅛".

Item #005AM5200 List Price: $350

YOUR PRICE: $299.95 system

SAS Bazooka Series II

With a Bazooka Bass Tube, deep, hard hitting bass doesn't have to be expensive. But it sure will sound it! Case in point: Run one Bazooka tube and a pair of full-range speakers off of a single amp with "Tri-mode" capability and an inexpensive passive crossover. For a modest investment, you'll have one heck of a hot system! Or you can hook up a pair of Bazooka tubes to your amp and crossover for even greater bass output. These computer-aligned bass reflex cylinders are available in three sizes (6½", 8", and 10"), and work best when mounted 3"-4" from the rear corners of your vehicle. They're so super-efficient, they can produce 100 dB sound levels from a 1-watt input! Made in USA.

6½"—Frequency Response 39-1500 Hz, Max. power 100 watts each. Dimensions: 18½"L x 8⅛"H x 6⅜"W.

Item #204T62S2 List Price: $129

YOUR PRICE: $99.95 each

6½" pair Item #204T622 ***$189.95 pair***

8"—Frequency Response 39-1500 Hz, Max. power 150 watts each. Dimensions: 17⅞"L x 9⅞"H x 8⅜"W.

Item #204T82S2 List Price: $169

YOUR PRICE: $139.95 each

8" pair Item #204T822 ***$269.95 pair***

10"—Frequency Response 39-1000 Hz, Max. power 200 watts each. Dimensions: 23⅜"L x 12¼"H x 10¼"W.

Item #204T1022 List Price: $229

YOUR PRICE: $189.95 each

SAS Amplified Bazookas

The latest Amplified Bazookas offer a sleek, rounded look, and even more deep-down bass. Each teams a high quality woofer, a built-in 70-watt amplifier, and an adjustable low-pass crossover, so that your Bazooka pumps out only low bass, with no midrange. The patented port design really turbocharges the bass output. Available in 6½", 8", and 10" versions, with speaker-level and RCA preamp inputs for compatibility with nearly all factory stereo systems. Each Bazooka can be driven directly or run in line with another pair of speakers. Mounting hardware is included. Warr: 1 year. Made in USA. *You can also connect a single passive Bazooka (see left) to your Amplified Bazooka (ask a sales advisor for details). The non-powered "slave unit" drops the Amplified Bazooka to a 2-ohm load, delivering 50 watts to each tube.*

Specifications: Amplifier frequency response 20-250 Hz (±1dB), 70 watts mono into 4 ohms at 0.05% THD; crossover frequency variable from 50-250 Hz (12 dB/octave slope).

6½"—Sensitivity 100 dB, Dim: 18⅜"L x 8"H x 6¾"W.

Item #204T62A70 List Price: $340

YOUR PRICE: $289.95

8"—Sensitivity 102 dB, Dim: 18⅜"L x 10"H x 8½"W.

Item #204T82A70 List Price: $380

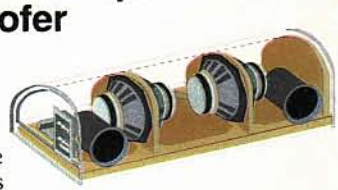
YOUR PRICE: $319.95

10"—Sensitivity 104 dB, Dim: 21⅛"L x 12¼"H x 10⅜"W.

Item #204T102A70 List Price: $450

YOUR PRICE: $369.95

Polk C4 Bandpass Subwoofer



Polk's C4 is designed to put serious bass even where space is tight. This three-chamber, dual-ported, highly efficient band-pass subwoofer has a unique, space-saving teardrop-shaped cabinet that fits easily in most vehicles, including the hatch areas of small hatchbacks (Honda CRX, Mazda RX-7, Porsche 928, Eclipse, Talon, etc.). And with its flat bottom, you can be sure it won't roll around like some other designs. Four 6x9" woofers are mounted in an isobaric push-pull configuration for remarkably deep, full bass with ultra-low distortion. A reviewer for *Car Stereo Review*, (March/April '92) called Polk's C4, "the most technically sophisticated box I've seen," and concluded, "I'll go so far as to say that this is the best bass imaging I've encountered to date."

Specifications: Frequency Response 25-150 Hz, Max. Power 200 watts per channel RMS, 4-ohm impedance, Sensitivity 94 dB. Dimensions: 26¼"W x 8"H x 14⅛"D.

Item #107C4 List Price: $369

YOUR PRICE: $349.95

Advent Isobarock

Deep Bass with High Style

This chrome-topped temple of boom is meant to be seen, heard and felt.

Its looks alone attract plenty of attention, but wait until you fire up the Isobarock.

Pulsating above the pyramid-shaped enclosure is a bright, shining 10" Tuff-Kote graphite woofer. Inside the durable Nu-Stone enclosure lies another 10" woofer, firing out of phase against the chrome driver.

Together, they make the earth move.

How much earth moves depends on how much power you dare to feed the Isobarock. But have no fear, they'll handle 300 watts RMS and up to 750 watts peak without flinching.

Perhaps the best news for the bass-hungry is how easy it is to install the Isobarock. A novice installer can put this one in. But even if you're a whiz with the tools, why waste time building a custom subwoofer enclosure or sawing into your car's sheet metal to install a big woofer? You could be out showing off your Isobarock.

For compatibility with a wide variety of component amplifier set-ups and multi-speaker configurations, Advent made the Isobarock capable of working as a 2-ohm, 4-ohm or 8-ohm load.

The Nu-Stone enclosure will not peel, chip or show dirt like some conventional enclosures.

Specifications: Frequency Response 38-1,000 Hz, Max. power 300 watts RMS. Dim: 17½ "L x 14"H x 17½"W.

Item #005AMISO10

List Price: $400

YOUR PRICE:

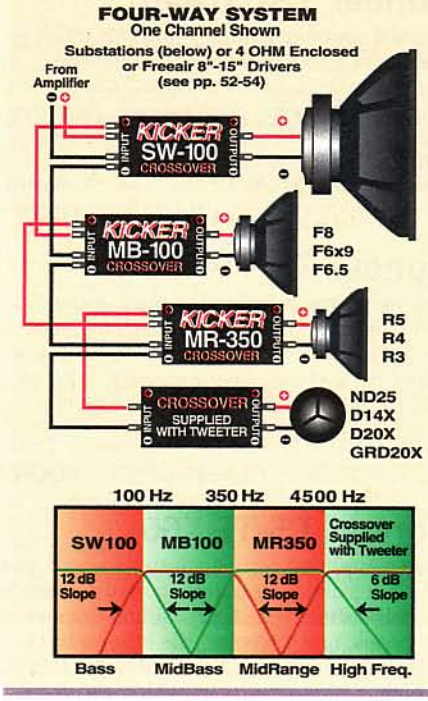
$299.95 each

Rock Bottom: *Advent's new Isobarock subwoofer system indulges your bass instincts.*

Kicker Components

We highly recommend Kicker component speakers and crossovers for anyone who wants the freedom to mix and match woofers, midranges and tweeters, without the complications that can arise in such custom installations. Here's why:

- **Kicker's pre-matched components** present the do-it-yourselfer with clear-cut, mistake-proof building blocks—just pick your components from the system diagram at right and the charts on pages 52-54.
- **Easy-to-install crossover networks** let you appreciate the difference a multi-component speaker system can make, without spending a bundle on multiple amps. The crossovers (tweeter crossovers included with all Kicker tweeters shown) feature Zobel impedance compensation, which helps smooth out the amp signal's flow to the speakers, making them more accurate and efficient.
- **More options for extra-deep bass.** Choose from several models of Kicker's versatile Substations, which come pre-loaded with tough Kicker subwoofers—or choose "raw" subwoofers from the charts on pages 52-53 for custom installation.


FOUR-WAY SYSTEM
One Channel Shown
Substations (below) or 4 OHM Enclosed or Freeair 8"-15" Drivers (see pp. 52-54)
From Amplifier
KICKER SW-100 CROSSOVER
KICKER MB-100 CROSSOVER
KICKER MR-350 CROSSOVER
CROSSOVER SUPPLIED WITH TWEETER
F8 F6x9 F6.5
R5 R4 R3
ND25 D14X D20X GRD20X
100 Hz 350 Hz 4500 Hz
SW100 MB100 MR350 Crossover Supplied with Tweeter
12 dB Slope 12 dB Slope 12 dB Slope 6 dB Slope
Bass MidBass MidRange High Freq.

Passive Crossovers

Here are 4 ways to filter the amplified signal into frequency bands appropriate for 4 ohm Kicker drivers.

SW100 Specs: Subwoofer lowpass 100 Hz; Max. power 400 watts RMS.

Item #206SW100 ***YOUR PRICE: $39.95 each***

MR100 Specs: Midrange/mid-bass bandpass 100-4500 Hz; Max. power 250 watts RMS.

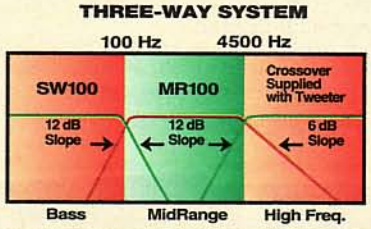
Item #206MR100 ***YOUR PRICE: $64.95 pair***

MB100 Specs: Mid-bass bandpass (pictured) 100-350 Hz; Max. power 250 watts RMS.

Item #206MB100 ***YOUR PRICE: $79.95 pair***

MR350 Specs: Midrange bandpass 350-4500 Hz; Max. power 250 watts RMS.

Item #206MR350 ***YOUR PRICE: $54.95 pair***


THREE-WAY SYSTEM
100 Hz 4500 Hz
SW100 MR100 Crossover Supplied with Tweeter
12 dB Slope 12 dB Slope 6 dB Slope
Bass MidRange High Freq.

Tweeters

D14X Ultra small. Polyamide diaphragm.
Specs: Freq. Resp. 4,500-21,000 Hz; Max. watts 150RMS.
Item #206D14X ***$59.95 pr.***

GRD20X Ferrofluid cooled polyester film dome. Comes with grilles
Specs: Freq. Resp. 4,500-21,000 Hz; Max. watts 75 RMS.
Item #206GRD20X ***$79.95 pr***

D20X Square version of GRD20X. No grilles.
Specs: Freq. Resp. 4,500-21,000 Hz; Max. watts 75 RMS.
Item #206D20X ***$69.95 pr.***

For further specifications, see chart on p. 54

ND25 Tweeter

A smooth-sounding silk dome tweeter with neodymium magnet. Why silk? Because it's strong, light, and sounds warm and lifelike, never harsh. The mounting kit includes hardware for surface or recessed-angle mounting. The recessed-angle mount lets you position the ND25 for best imaging. Surface mounting requires minimal modification in door-mount applications. Deluxe crossover has built-in protection circuitry. Great for high-power systems.

Specs: Freq. Resp. 3.5K-22K Hz; Max. watts 150 RMS.

Item #206ND25 ***YOUR PRICE: $199.95 pair***

Midranges

NEW

Kicker's 4-ohm Resolution Series midranges use Polymineral Cones and butyl rubber surrounds for accurate sound and weather resistance. **R34** fits many dash openings. **R44** fits standard 4" openings. **R54** fits 5¼" cutouts. Grilles not included.

R34 Specs: Freq. Resp. 125-15,000 Hz; Max. watts 50 RMS.

Item #206R34 ***YOUR PRICE: $69.95 pair***

R44 Specs: Freq. Resp. 75-6,000 Hz; Max. watts 70 RMS.

Item #206R44 ***YOUR PRICE: $89.95 pair***

R54 Specs: Freq. Resp. 50-5,000 Hz; Max. watts 90 RMS.

Item #206R54 ***YOUR PRICE: $109.95 pair***

8-ohm versions available. For further specs, see p. 54

Substations *The Easy Route to Big Bass*

For big bass from a single enclosure, try one of Kicker's new single-reflex bandpass boxes: The **KSR100** with a single 10" woofer or the **KSR120** with a 12" woofer (see photo, right). Both feature Kicker's exclusive contour vent, which prevents distortion. *

Kicker's original Substations come in pairs. With the *ports* firing into the rear corners of your vehicle, a pair of **KS60s** (6½" woofer) delivers bass that's great for pop or rock. With the *woofers* firing into the corner, you get big bass that's perfect for rap or hard rock.

KS80

The **KS80s'** 8" woofers have port plugs you can insert for tighter bass.

Made of wood, all Substations have flat bottoms and brackets that keep their carpeted enclosures stable.

KS60 Specs: Freq. Resp. 32-1K Hz, Max. Power Handling 100 watts RMS, 4-ohm impedance. Dim.: 7⅛"W x 7⅛"H x 18½"L.

Item #206KS60 List: $249
YOUR PRICE: $199.95 pr.

KS80 Specs: Freq. Resp. 29-1,000 Hz, Max. Power Handling 150 watts RMS, 4-ohm impedance. Dim.: 8½"W x 8½"H x 18½" L.

Item #206KS80 List Price: $349 ***YOUR PRICE: $289.95 pair***

NEW

KSR120

Kicker KSR Bandpass Substations are sold singly, not in pairs

KSR100 Specs: Frequency Response 39-130 Hz, Max. Power Handling 200 watts RMS, 4-ohm impedance. Dimensions: 12½"W x 12½"H x 25⅛"L.

Item #206KSR100 List Price: $379 ***YOUR PRICE: $299.95 each***

KSR120 Specs: Frequency Response 36-129 Hz, Max. Power Handling 250 watts RMS, 4-ohm impedance. Dimensions: 14½"W x 14½"H x 31"L.

Item #206KSR120 List Price: $429 ***YOUR PRICE: $339.95 each***

** Perfect for bridgeable amps, or mono bass amps like Kenwood's KAC-714 on p. 60*

Kenwood KSC-7702

This all-in-one speaker system will bring out the best in any mini-van, wagon, or hatchback audio system. A powerful 3-way bass-reflex design, the KSC-7702 houses 2 whopping 10" woofers, dual 3½" cone midranges and a pair of 2" cone tweeters. And its sturdy cabinet is specially-angled to send more of the music your way. Includes heavy-duty grilles and built-in handles.

Specs: Freq. Resp. 30-20,000 Hz; Max. watts 100 RMS/ 200 peak. Dim: 31⅞"W x 11½"H x 18⅛"D. Warranty: 1 year.

Item #113KSC7702 List Price: $310

YOUR PRICE $269.95

Kenwood KSC-8802

With dual behind-the-seat enclosures, the KSC-8802 brings dynamic 2-way Kenwood sound to your pickup truck—for under $200! Each rugged bass-reflex enclosure includes a hard-hitting 8" woofer and an up-firing 2" cone tweeter. An overload protection circuit lets you drive them hard without fear of damaging the tweeter. Heavy-duty grilles and handles are built in.

Specs: Freq. Resp. 50-20,000 Hz; Max. watts 70 RMS/150 peak. Dim: 18¼"W x 14⅛"H x 6¼"D. Warranty: 1 year.

Item #113KSC8802 List Price: $250

YOUR PRICE $199.95 pair

Kenwood KSC-9902

These fit neatly behind pickup truck seats. Each 3-way, bass-reflex box has a hard-driving 10" woofer and an up-firing 3½" midrange and 2" cone tweeter. A circuit protector prevents you from accidentally frying the tweeters. Built to withstand rough rides, they're covered with heavy-duty carpet. Side grip handles provide easy portability.

Specs: Freq. Resp. 40-20k Hz; Max. watts 100 RMS/200 peak. Dim: 19⅞"W x 14⅛"H x 6¼"D. Warranty: 1 year.

Item #113KSC9902 List Price: $300

YOUR PRICE: $269.95 pair

Pioneer TS-TRX40

For great sound when the going gets tough, try Pioneer's best-selling TS-TRX40. The injection-molded, bass-reflex enclosures are as rugged as they are good looking. Each contains a 5" poly woofer and a 2¼" cone tweeter. Mounting hardware included.

Specs: Freq. Resp. 75-23,000 Hz; Max. Power 35 watts RMS/100 peak. Dim: 11¼"W x 7½"H x 4⅝"D. Warranty: 1 year.

Item #130TSTRX40 List Price: $210 ***YOUR PRICE: $129.95 pair***

Pioneer TS-TRX50

Want more punch from your truck system? You want Pioneer's Truck Riders. Each tough enclosure holds a 5¼" blended poly woofer, a bass reflex port, and a 2¼" cone tweeter. They're a snap to install with the supplied hardware.

Specs: Freq. Response 65-23,000 Hz; Max. Power 40 watts RMS/120 peak. Dim: 13"W x 8½"H x 5"D. Warranty: 1 year.

Item #130TSTRX50 List Price: $288 ***YOUR PRICE: $179.95 pair***

Pioneer TS-TRX60

These compound resin enclosures are so good looking it's almost a shame to mount them behind the seat, out of sight. Each cabinet has two 6½" poly cones; one a woofer, the other a bass-enhancing passive radiator. A hard dome tweeter covers the highs.

Specs: Freq. Response 55-24,000 Hz; Max. Power 50 watts RMS/150 peak. Dim: 16½"W x 11⅜"H x 6"D. Warr: 1 year.

Item #130TSTRX60 List Price: $366

YOUR PRICE: $229.95 pair

Pioneer TS-TRX800

For bass that hits extra hard and highs that cut right through noise over rough terrain, choose the TS-TRX800s. Each bass-reflex box houses an 8" poly woofer and 2¼" horn tweeter. Mounting hardware included.

Specifications: Frequency Response 45-24,000 Hz; Max. Power 75 watts RMS/200 peak. Dimensions: 17½"W x 13½"H x 6½"D. Warranty: 1 year.

Item #130TRX800 List Price: $354

YOUR PRICE: $229.95 pair

Ultimate B800-SB • B1002-S

Designed to fit tight spaces behind the seats of most mini-size trucks, each ported enclosure of the B800-SB houses an 8" poly woofer and up-firing 3" piezo tweeter. *The larger B1002-S steps up to a 10" woofer.* Made in USA.

Specifications: Frequency Response 45-20,000 Hz (30-20,000 Hz for B1002S); Max. Power 100/150 watts RMS, 200/300 peak. Dim: 16"W x 12"H x 6¼"D (19"W x 14"H x 7"D for B1002-S). Warranty: 1 year.

Item #132B800SB List Price: $160

YOUR PRICE: $99.95 pair (pictured)

Item #132B1002S List Price: $200 ***YOUR PRICE: $149.95 pair***

Ultimate B821-HB • B102-H

If you own a hatchback, van or RV, Ultimate's B821-HB is your cost-effective choice. A single bass-reflex ported enclosure, it offers dual 8" poly laminate woofers and a pair of 3" piezo tweeters in a front-firing configuration. *The B102-H steps up to a 10" woofer.* Made in USA.

Specifications: Frequency Response 45-20,000/30-20,000 Hz; Max. Power 120/150 watts RMS 240/300 peak. Dim: 27¼"W x 11⅛"H x 11¾"D (30½"W x 14"H x 14½"D for B-102H). Warranty: 1 year.

Item #132B821HB List Price: $180 ***YOUR PRICE: $119.95***

Item #132B102H List Price: $200 ***YOUR PRICE: $169.95***

CONSUMER TIP

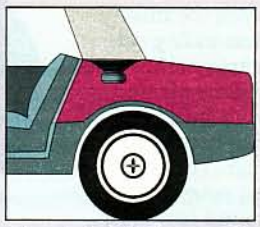
Subwoofer Basics: Finding What's Right For You

The difference between a woofer and a subwoofer
A woofer is designed to produce *tight-sounding bass* that carries a lot of impact—from a kick drum, for example. A subwoofer produces even lower frequency sounds you *feel* as well as hear.

Single-voice-coil and dual-voice-coil subwoofers
A single-voice-coil subwoofer can reproduce only one channel of a stereo signal. Thus, two single-voice-coil subwoofers are required in a normal two-channel stereo installation. However, because the frequencies reproduced by a subwoofer do not lend themselves to true stereo separation, one dual-voice-coil subwoofer can be used to reproduce the signals from both channels. This is a good solution when space doesn't allow two subwoofers or where a smaller two-channel amp is used to drive the subwoofer.

The importance of impedance (ohms)
Typically, 4-ohm subwoofers are used for car stereo installations, while 8-ohm drivers are used for home speakers. Two 4-ohm subwoofers can be wired in parallel and hooked up to the same channel of a single amplifier. However, this will present the amp with a 2-ohm load which is much more difficult to drive. Make sure your amp can handle it!

Sealed vs. ported subwoofer enclosures
A sealed enclosure will typically sound a little more accurate than a ported enclosure and produce more actual sub-bass material, but it will not sound as loud as a ported enclosure. A ported enclosure delivers more hard-hitting "thump."


Free air installations use the trunk as the enclosure.

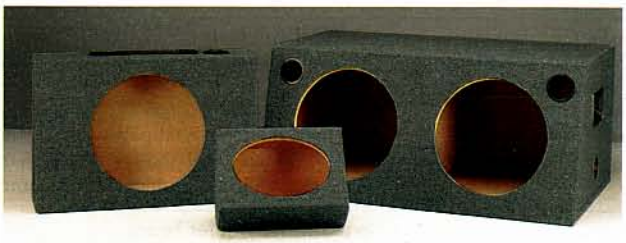
Free Air subwoofers
People who can't or don't want to sacrifice the space needed for subwoofer enclosures can use "free air" woofers. They're specially designed to provide excellent performance using your car's trunk as the enclosure. You can bolt them to the underside of your rear deck or on a board bolted behind the rear seat. In free air installations, it's critical to separate the air on the front side of the speaker cones from the air behind the cones. Leaks as small as 1/16" can ruin performance.

For more information, call 1-800-955-9009 and ask for our Consumer Information Guide "Adding A Subwoofer" (Item #000SUBS).

Pre-Built Subwoofer Enclosures: Save Time & Money, and Get It Right the First Time

Matching woofer and enclosure to get the best possible sound is easy–just match the box's "Code" with those in the woofer chart on page 53.

Subwoofer Boxes
by Audio Dynamics Design



If a lack of speaker-building skills and/or time has kept you from enjoying the kind of clean, powerful bass you only get from subwoofers, pick up the phone and call us. Working together with the experts at Audio Dynamic Designs, we've developed 14 high-quality custom enclosures. Constructed of high-density particle board and covered in durable gray carpeting. Made in USA. Lifetime warranty.

6x9" Sealed Standard Boxes
Dim: (ea.) 11"W x 8¼"H x 7⅝"D; (.15 cu. ft. ea.)
Item #010ADD6X9M
YOUR PRICE: $39.95 pr.

6x9" Sealed Truck-Style Boxes
Dim: (ea.) 12¾"W x 12½"H x 6½"D; (.3 cu. ft. ea.)
Item #0106X9PLUS
YOUR PRICE: $39.95 pr.

8" Ported Truck-Style Boxes
Dim: (ea.) 12½"W x 12½"H x 8"D; (.4 cu. ft. ea.)
Item #010ADD1208
YOUR PRICE: $69.95 pr. Code A

8" Ported Truck Style Boxes
Dim: (ea.) 15½"W x 12½"H x 8"D; (.5 cu. ft. ea.)
Item #010ADD1508
YOUR PRICE: $69.95 pr. Code B

10" Ported Truck Style Boxes
Dim: (ea.) 15½"W x 12½"H x 8"D; (.5 cu. ft. ea.)
Item #010ADD1510
YOUR PRICE: $69.95 pr. Code C

10" Ported Truck-Style Boxes
Dim: (ea.) 21⅝"W x 14⅜"H x 8"D; (1.1 cu. ft. ea.)
Item #010ADD2110
YOUR PRICE: $69.95 pr. Code D

12" Ported Truck-Style Boxes
Dim: (ea.) 21⅝"W x 14⅜"H x 8"D; (1.1 cu. ft. ea.)
Item #010ADD2112
YOUR PRICE: $69.95 pr. Code E

8" Dual-Woofer Ported Hatchback Box
Dim: 27⅛"W x 10"H x 16½"D; (.9 cu. ft./side)
Item #010ADD2708
YOUR PRICE: $79.95 Code F

10" Dual-Woofer Ported Hatchback Box
Dim: 30½"W x 13¾"H x 16½"D; (1.18 cu. ft./side)
Item #01030510
YOUR PRICE: $79.95 Code G

10" Dual-Woofer Wedge-Shaped Ported Hatchback Box
Dim: 27½"W x 13"H x 8¾"D; (.5 cu. ft./side)
Item #010ADD2710
YOUR PRICE: $69.95 Code H

10" Dual-Woofer Ported Hatchback Box
Dim: 32"W x 13"H x 20"D; (1.8 cu. ft./side)
Item #010ADD3210
YOUR PRICE: $99.95 Code I

12" Dual-Woofer Ported Hatchback Box
Dim: 34½"W x 14½"H x 12½"D; (1.29 cu. ft./side)
Item #01034512
YOUR PRICE: $89.95 Code J

12" Dual-Woofer Ported Hatchback Box
Dim: 32"W x 14⅝"H x 19"D; (2 cu. ft./side)
Item #010ADD3212
YOUR PRICE: $99.95 Code K

15" Dual-Woofer Ported Hatchback Box
Dimensions: 40⅛"W x 16"H x 21¾"D.
(2.68 cubic ft./side)
Item #0103915SLT
YOUR PRICE: $119.95 Code L

Subwoofer Boxes
by Q-Logic

Q-Logic's bandpass design delivers better bass extension and increased efficiency over a sealed enclosure (for louder, harder-hitting bass). Even if you know nothing about acoustic design, Q-Logic lets you add serious bass to your system with a minimum of effort. And the plexiglass panel on top provides a unique "custom box" look. Installing a pair of woofers in a Q-Logic box is easy. Really. First, trim the port tube (instructions tell you how much to trim for the woofer you're using) and fit it into the box. Secure your woofers with a screwdriver, screw on the plexiglass cover and you're done! You'll enjoy powerful bass in a fraction of the time required to build an enclosure from scratch.
Note: Each box holds two woofers (not included). Single-woofer boxes by Q-Logic on pg. 55.

8" Dual-Woofer Box
Dimensions: 28¼"W x 14¼"H x 12⅛"D
Item #044QLH8BP List Price: $210
YOUR PRICE: $169.95 Code Q 1

10" Dual-Woofer Box
Dimensions: 34¼"W x 16¼"H x 12¼"D.
Item #044QLH10BP List Price: $240
YOUR PRICE: $189.95 Code Q 2

12" Dual-Woofer Box
Dimensions: 36¼"W x 18¼"H x14⅜"D.
Item #044QLH12BP List Price: $280
YOUR PRICE: $219.95 Code Q 3

Infinity

Even the most demanding car stereo enthus-iasts will be pleased with Infinity's life-like bass reproduction. The very lowest octaves of music sound like music, not some boom box imitation of artillery fire.

Kicker

The name says it all. Favored by many pop/rock listeners. Deep, hard-hitting bass punch. An innovative extended pole piece protects against voice coil burnout and provides more control for tighter bass and smoother midrange roll-off.

Pyle

Massive, high-energy Ironmax magnet assemblies give Pyle woofers some of the most indestructible voice coils on the market. Drive them hard—you'll experience pulse-pounding bass. They're the wild side of sound.

Advent

Flexibility perfectly describes these innovative subs; dual voice coils give you the ability to operate at 4 or 8 ohms. Designed to work in ported and sealed enclosures, as well as free-air applications.

Cerwin Vega

For deep bass that really thumps, you'll love Cerwin Vega. They're super-efficient, so they work fine with low-powered systems. But don't be afraid to drive them hard. They can take it.

JBL

JBLs produce bass that's satisfying to many types of music listeners. Very efficient, they work well with moderate power. Plenty of bass output with the accuracy that classical listeners expect, and the kick that rockers want.

Putting Together A Subwoofer System Step-by-Step

1 Vehicle Type	2 Recommended Enclosure Type	3 Determine the Enclosure Size	4 Find the Sub that Fits	5 Select a Brand	6 The Finishing Touches
Sedan	Free-air sub(s) mounted in rear deck.	Measure rear deck.	Go to Free Air Subwoofer chart (below and on next page) and find the subs with diameters that will fit rear deck.	Read the brand-by-brand descriptions above to find the brand you like best.	Go to the subwoofer charts: Free Air p. 52-53, Ported/Sealed p. 53 and note the Recommended Power Range and Recommended Crossover Range. Choose your amplifier (pp 56-62) and crossover (pp. 49,55,58 & 63) based on the chart recommendations.
Hatchback or Pickup	Sealed or Ported Box Sealed or Ported Box	Measure hatch to find maximum box size Measure area behind seat to find maximum box area	Go to the subwoofer boxes (pp 51 & 55) and find the box(es) that will fit Note the subwoofer code listed with the box(es) Go to the Ported/Sealed Subwoofer chart (p. 53) note all the subwoofers with that code.		

Free Air Subwoofers *More Free Air and other subwoofers on the next page*

Speaker Size	Manufacturer	Item Number	Mounting Depth	RMS Power Range* (watts)	Maximum Peak Power (watts)	Frequency Range (Hertz)	Low Pass Crossover Range**	Imp. (ohms)	SPL (dB)	Voice Coils	Feature	Price
6½"	Advent	005AM648	2⅝"	20-75	185	50-4,000	120-3k HZ	4 or 8	90/88	dual	4 or 8 ohm operation	$89.95 pr.
6½"	Kicker	206F65A4	2⅞"	20-100	150	30-3,500	120-3k Hz	4	88	single	Uniplate	$69.95 ea.
6"x9"	Kicker	206F6X9A4	3½"	25-150	225	30-3,500	120-2.5k Hz	4	69	single	Uniplate	$69.95 ea.
8"	Advent	005AM848	3⅝"	25-100	250	35-2,000	75-150 Hz	4 or 8	88/96	dual	4 or 8 ohm operation	$59.95 ea.
8"	Blaupunkt	023PC8	3¾"	20-75	120	20-2,500	80-150Hz	4	90	single	Kapton voice coil	$69.95 ea.
8"	Cerwin-Vega	050S8	3⅛"	25-150	250	61-800	75-150 Hz	4	90	single	4-layer voice coil	$79.95 ea.
8"	Infinity	108KC80IB	3¾"	36-150	275	47-1,000	75-150 Hz	4	91	single	molded graphite cone	$99.95 ea.
8"	Kicker	206F8A4	3¾"	25-150	225	30-3,000	75-150 Hz	4	88	single	stiched surround	$74.95 ea.
8"	Pioneer	130TSW201F	3¾"	40-100	250	30-6,000	75-150 Hz	4	93	single	carbon fiber/poly cone	$64.95 ea
10"	Advent	005AM1048	4¼"	40-150	375	30-2,000	75-120 Hz	4 or 8	90/88	dual	4 or 8 ohm operation	$79.95 ea.
10"	Blaupunkt	023PC10	4½"	25-100	200	27-2,600	75-150 Hz	4	92	single	Kapton voice coil	$89.95 ea.
10"	Cerwin-Vega	050S10	3⅞"	25-150	300	58-800	75-150 Hz	4	92	single	4-layer voice coil	$89.95 ea.
10"	Infinity	108KC100IB	4¼"	38-175	320	34-1,000	75-150 Hz	4	93	single	molded graphite cone	$129.95 ea.
10"	Kenwood	113KFCW210	4½"	60-150	300	30-3,000	80-150 Hz	4	92	single	4-layer voice coil	$169.95 pr.
10"	Kicker	206F10A4	4⅜"	50-200	300	25-2,000	75-120 Hz	4	90	single	stiched surround	$119.95 ea.
10"	Pioneer	130TSW251F	4⅝"	28-120	300	28-4,000	75-120 Hz	4	92.5	single	carbon fiber/poly cone	$74.95 ea.

* Using amplifiers with RMS power ratings within this range will ensure correct operation of the driver.
**These recommendations should be used as a starting point. Slightly different values may work better in your system.

Free Air Subwoofers (continued)

Speaker Size	Manufacturer	Item Number	Mounting Depth	RMS Power Range* (watts)	Maximum Peak Power (watts)	Frequency Range (Hertz)	Low Pass Crossover Range**	Imp. (ohms)	SPL (dB)	Voice Coils	Feature	Price
12"	Advent	005AM1248	5 5/16"	40-165	400	30-2,000	60-80 Hz	4 or 8	92/90	dual	4 or 8 ohm operation	$99.95 ea.
12"	Blaupunkt	023PC12	5 3/16"	30-100	200	22-2,700	60-120 Hz	4	93	single	Kapton voice coil	$99.95 ea.
12"	Cerwin-Vega	050S12	4 5/8"	40-250	400	34-500	75-120 Hz	4	94	single	4-layer voice coil	$99.95 ea.
12"	Infinity	108KC120IB	5 1/8"	42-200	365	29-1,000	60-150 Hz	4	94	single	molded graphite cone	$149.95 ea.
12"	Kenwood	113KFCW212	5 1/8"	60-100	300	30-3,000	60-150 Hz	4	90	single	4-layer voice coil	$119.95 ea.
12"	Kicker	206F12A4	5"	50-250	375	25-2,000	60-80 Hz	4	90	single	stiched surround	$139.95 ea.
12"	Pioneer	130TSW301F	5 1/4"	50-150	400	25-3,500	60-80 Hz	4	94	single	carbon fiber/poly cone	$84.95 ea.
15"	Blaupunkt	023PC15	6 3/16"	30-180	360	20-2,700	60 Hz	4	94	single	Kapton voice coil	$129.95 ea.
15"	Cerwin-Vega	050S15	5 7/8"	40-250	400	36-400	75-120 Hz	4	96	single	4-layer voice coil	$129.95 ea.
15"	Kicker	206F15A4	6 1/8"	50-300	450	25-2,000	60 Hz	4	91	single	stiched surround	$159.95 ea.
15"	Kicker	206F15A8	6 1/8"	50-300	450	25-2,000	60 Hz	8	91	single	stiched surround	$159.95 ea.

* Using amplifiers with RMS power ratings within this range will ensure correct operation of the driver.
**These recommendations should be used as a starting point. Slightly different values may work better in your system.

Subwoofers for Sealed and Ported Enclosures

Speaker Size	Manufacturer	Item Number	Sealed Enclosure Volume (cu. ft.)/ Dimensions (inches)	Ported Enclosure Volume (cu. ft.)/ Dimensions (inches)	Box Code (see pp. 51&55)	RMS Power Range (watts)*	Peak Power (watts)	Frequency Range (Hertz)	Low Pass Crossover Range**	Imp. (Ohm)	SPL (dB)	Mounting Depth	Your Price (Each)
8"	Blaupunkt	023PC8	1.0/19 3/8 x 11 1/2 x 7 3/4	1.0/19 3/8 x 11 1/2 x 7 3/4	F	20-120	240	20-2,500	80-150 Hz	4	90	3 1/2"	$69.95
8"	Cerwin-Vega	050XL8D	N.R.	.75/17 1/2 x 10 1/2 x 7 1/8	A,F,Q1	25-75†	150†	30-800	80-120 Hz	4†	92	3 1/4"	$99.95
8"	Cerwin-Vega	050XL8S	N.R.	.65/16 3/4 x 10 x 6 3/4	F,Q1	35-150	300	30-800	80-120 Hz	4	92	3 1/4"	$99.95
8"	Infinity	108KC80BR	N.R.	.84/18 1/4 x 11 x 7 5/16	F,Q1	40-175	320	41-2,000	80-1,500 Hz	4	91	3 3/4"	$99.95
8"	JBL	109GT82	.28/11 1/8 x 8 1/2 x 5	.43/14 1/2 x 8 3/4 x 5 13/16	A,B,Q1	20-100	200	43-2,000	80-1,500 Hz	4	93	3 9/16"	$59.95
8"	Kicker	206C8A4	.65/16 3/4 x 10 x 6 3/4	N.R.	Q1	25-200	350	30-3,000	75-1,400 Hz	4	89	3 3/8"	$74.95
8"	Kicker	206C8A8	.65/16 3/4 x 10 x 6 3/4	N.R.	Q1	25-200	350	30-3,000	75-150 Hz	8	88	3 3/8"	$74.95
8"	Pioneer	130TSW201C	.68/17 x 10 1/8 x6 13/16	N.R.	Q1	24-100	250	20-6,000	60-5,000 Hz	4	91	3 1/16"	$64.95
8"	Pyle	131DW8404	.29/12 3/4 x 7 3/4 x 5 1/8	.26/10 x 8 1/2 x 5 1/4	A,B,Q1	27-120	240	45-2,750	80-1,100 Hz	4	91	3 3/4"	$69.95
8"	Pyle	131DW840	N.R.	.4/14 1/4 x 8 1/2 x 5 3/4	A,B,Q1	29-120	240	44-2,750	80-1,500 Hz	8	91	3 3/4"	$69.95
8"	Pyle	131PW8604	N.R.	.25/8 1/2 x 8 1/2 x 6 1/8	–	31-140	280	46-2,800	80-200 Hz	4	93	3 9/16"	$99.95
10"	Blaupunkt	023PC10	N.R.	1.5/22 1/8 x 13 1/4 x 8 7/8	D, G	25-140	280	27-2,600	75-150 Hz	4	92	4 3/8"	$89.95
10"	Cerwin-Vega	050XL10D	N.R.	1.1/20 x 12 x 7 3/4	C,G,H,Q2	26-125†	250†	30-800	80-120 Hz	4†	94	4 1/4"	$119.95
10"	Cerwin-Vega	050XL10S	N.R.	1.14/20 1/8 x 12 1/8 x 8 13/16	C,G,H,Q2	53-250	500	30-800	80-120 Hz	4	94	4 1/4"	$119.95
10"	Infinity	108KC100BR	N.R	2.3/257/16 x 15 1/4 x 10 1/4	Q2	44-200	365	28-900	75-150 Hz	4	93	4 1/4"	$129.95
10"	JBL	109GT102	.81/18 x 10 13/16 x 7 1/4	1.43/21 13/16 x 13 x 8 3/4	C,Q2	28-130	260	40-2,000	75-150 Hz	4	94	4 7/16"	$69.95
10"	Kicker	206F10A4	N.R.	1.25/20 13/16 x 12 1/2 x 8 5/16	D,I,Q2	50-200	300	25-2,000	75-150 Hz	4	90	4 3/8"	$119.95
10"	Kicker	206F10A8	N.R.	1.25/20 13/16 x 12 1/2 x 8 5/16	D,Q2	50-200	300	25-2,000	75-150 Hz	8	90	4 3/8"	$119.95
10"	Kicker	206C10A4	1.25/20 13/16 x12 1/2 x 8 5/16	N.R.	Q2	50-300	450	25-2,000	75-150 Hz	4	90	4 3/8"	$119.95
10"	Kicker	206C10A8	1.25/20 13/16 x12 1/2 x 8 5/16	N.R.	Q2	50-300	450	25-2,000	75-150 Hz	8	90	4 3/8"	$119.95
10"	Pioneer	130TSW251C	1.23/20 3/4 x12 7/16 x 8 5/16	N.R.	Q2	29-120	300	18-4,000	75-120 Hz	4	91	4 9/16"	$74.95
10"	Pyle	131DW10404	.9/18 5/8 x11 1/4 x 7 1/2	1.46/21 5/16 x 13 1/8 x 8 13/16	G,I,Q2	32-130	260	44-2,700	80-120 Hz	4	91	4 3/8"	$79.95
10"	Pyle	131DW1040	1.0/19 5/16 x11 5/8 x 7 3/4	1.5/22 1/8 x 13 1/4 x 8 13/16	I,Q2	32-130	260	48-2,700	80-120 Hz	8	91	4 3/8"	$79.95
10"	Pyle	131PW10704	.55/14 x 10 1/2 x 6 1/2	.55/14 x 10 1/2 x 6 1/2	C, H	44-200	400	37-2,300	80-150 Hz	4	93	4 7/16"	$139.95
12"	Blaupunkt	023PC12	2.0/24 3/8 x 14 1/2 x 9 3/4	2.0/24 3/8 x 14 1/2 x 9 3/4	K	30-160	320	22-2,700	60-120 Hz	4	93	5 1/4"	$99.95
12"	Cerwin-Vega	050XL12D	N.R.	2.02/24 7/16 x 14 5/8 x 9 13/16	E,J,K,Q3	24-125†	250†	20-500	75-100 Hz	4†	96	4 5/8"	$129.95
12"	Cerwin-Vega	050XL12S	N.R.	2.0/24 5/16 x 14 5/8 x 9 3/4	K,Q3	48-250	500	20-500	75-100 Hz	4	96	4 5/8"	$129.95
12"	Infinity	108KC120BR	N.R.	6.75/36 1/2 x 21 13/16 x 14 5/8	Q3	52-250	450	25-900	60-100 Hz	4	94	5 1/8"	$149.95
12"	JBL	109GT122	1.02/17 7/16 x 13 x 7 7/8	1.6/22 1/2 x 13 1/2 x 9	J,K,Q3	28-140	280	35-1,000	60-100 Hz	4	95	5 1/16"	$79.95
12"	Kicker	206F12A4	N.R.	1.75/23 1/4 x 13 15/16 x 9 7/16	K,Q3	50-250	375	25-2,000	60-100 Hz	4	90	5"	$139.95
12"	Kicker	206F12A8	N.R.	1.75/23 1/4 x 13 15/16 x 9 7/16	K,Q3	50-250	375	25-2,000	60-100 Hz	8	90	5"	$139.95
12"	Kicker	206C12A4	1.75/23 1/4 x 13 15/16 x 9 7/16	N.R.	Q3	50-400	600	25-3,000	60-100 Hz	4	90	5"	$139.95
12"	Kicker	206C12A8	1.75/23 1/4 x 13 15/16 x 9 7/16	N.R.	Q3	50-400	600	25-2,000	60-100 Hz	8	94	5"	$139.95
12"	Pioneer	130TSW301C	2.01/24 7/16 x 14 5/8 x 9 3/4	N.R	Q3	33-150	400	18-3,500	60-150 Hz	4	93	5 1/4"	$84.95
12"	Pyle	131DW12404	2.44/26 x15 1/2 x 10 7/16	4.53/31 15/16 x 19 1/8 x 12 13/16	K,Q3	33-140	280	49-2,500	60-100 Hz	4	92	4 15/16"	$84.95
12"	Pyle	131DW1240	3.84/30 1/4 x 18 1/8 x 12 1/8	7.03/36 15/16 x 22 1/8 x 14 13/16	Q3	33-140	280	57-2,500	60-100 Hz	8	92	4 15/16"	$84.95
12"	Pyle	131PW12704	1/19 5/16 x 12 1/2 x 7 9/16	1.49/22 x 13 1/4 x 8 7/8	J,K	45-210	420	43-2,500	60-100 Hz	4	94	5 7/16"	$149.95
15"	Blaupunkt	023PC15	3.0/27 7/8 x 16 5/8 x 11 1/8	3.0/27 7/8 x 16 5/8 x 11 1/8	L,Q4	30-180	360	20-2,700	60-100 Hz	4	94	6 1/16"	$129.95
15"	Cerwin-Vega	050XL15D	N.R.	3.56/29 1/2 x 17 5/8 x 11 13/16	L	25-150†	300†	20-400	60-100 Hz	4†	98	5 7/8"	$169.95
15"	Cerwin-Vega	050XL15S	N.R.	3.5/29 5/16 x 17 5/8 x 11 3/4	L	51-300	600	20-400	60-100 Hz	4	98	5 7/8"	$169.95
15"	JBL	109GT152	4.32/31 1/2 x 18 13/16 x 12 5/8	7.21/37 1/4 x 22 5/16 x 15	Q4	27-150	300	26-2,700	60-100 Hz	4	97	6 1/4"	$99.95
15"	Kicker	206F15A4	N.R.	3.0/27 13/16 x 16 3/4 x 11 1/4	L,Q4	50-300	450	25-2,000	60-100 Hz	4	91	6 3/16"	$159.95
15"	Kicker	206F15A8	N.R.	3.0/27 13/16 x 16 3/4 x 11 1/4	L,Q4	50-300	450	25-2,000	60-100 Hz	8	91	6 3/16"	$159.95
15"	Kicker	206C15A4	3.0/27 13/16 x 16 3/4 x 11 1/4	N.R.	Q4	50-500	750	25-2,000	60-100 Hz	4	91	6 3/16"	$159.95
15"	Kicker	206C15A8	3.0/27 13/16 x 16 3/4 x 11 1/4	N.R.	Q4	50-500	750	25-2,000	60-100 Hz	8	91	6 3/16"	$159.95
15"	Pyle	131DW15604	3.98/30 5/8 x 18 1/2 x 12 1/4	6.6/36 1/4 x 21 3/4 x 14 1/2	L,Q4	32-150	300	49-2,700	60-100 Hz	4	94	6 3/16"	$99.95
15"	Pyle	131DW1560	8.77/39 13/16 x 23 13/16 x 15 15/16	6.6/36 1/4 x 21 3/4 x 14 1/2	L,Q4	32-150	300	46-2,700	60-100 Hz	8	94	6 1/4"	$99.95
15"	Pyle	131PW15704	6.94/36 13/16 x 22 x 14 3/4	6.39/35 13/16 x 21 1/2 x 6 7/16	L	45-225	450	27-2,500	60-100 Hz	4	95	6"	$169.95

Woofers

Speaker Size	Manufacturer	Item Number	Mounting Depth	Max. Power RMS/ Peak (watts)*	Frequency Range	Imp. (Ohm)	SPL (dB)	Recommended Crossover Range (Hertz)**	Feature	Your Price
6½"††	Advent	005AM648	2⅝"	75/185†	50-4,000 Hz	4 or 8	90/88	100/500	4 or 8 ohm operation	$89.95 pr.
6½"††	Infinity	108KC65MB	3¼"	125/225	65-1,100 Hz	4	87	100/500	poly cone	$69.95 ea.
6½"††	Kicker	206C65A4	2 15/16"	100/150	30-3,500 Hz	4	88	100/350	new ISD cone	$69.95 ea.
6½"††	Kicker	206C65A8	2 15/16"	100/150	30-3,500 Hz	8	88	100/350	new ISD cone	$69.95 ea.
6½"††	Kicker	206F65A4	2⅝"	75/150	30-3,500 Hz	4	96	100/350	Uniplate™	$69.95 ea.
6½"††	Kicker	206F65A8	2⅝"	75/150	30-3,500 Hz	8	96	110/350	Uniplate™	$69.95 ea.
6½"††	Polk	107MM6510	2⅝"	50/100	35-2,000 Hz	4	90	75/500	polymer laminate	$119.95 pr.
6½"††	Pyle	131DW65204	2⅞"	90/180	56-1,100 Hz	4	90	100/500	coated paper cone	$49.95 ea
6"x9"	Kicker	206F6X9A4	3½"	150/225	30-3,500 Hz	4	96	100/350	new ISD cone	$69.95 ea.
6"x9"	Pyle	131DW69204	3¾"	100/200	155-4,000 Hz	4	91	100/500	poly cone	$49.95 ea

Midranges

Speaker Size	Manufacturer	Item Number	Mounting Depth	Max. Power RMS /Peak (watts)*	Frequency Range	Imp. (Ohm)	SPL (dB)	Recommended Crossover Points (Hertz)**	Feature	Your Price
3½"	Kicker	206R34	1 7/16"	25/50	125 Hz-15k Hz	4	86.5	180/8k	polymineral cone	$69.95 pr.
4"	Kicker	206R44	2"	35/70	75 Hz-6k Hz	4	87	100/6k	polymineral cone	$89.95 pr.
4"	Pioneer	130TSM101	2"	15/50	55 Hz-20k Hz	4	90	100/5k	grilles included	$79.95 pr.
5"	Polk	107MM4510	1 9/16"	25/50	60 Hz-3k Hz	4	88	100/2.5k	grilles included	$89.95 pr.
5"	Pyle	131MP516	2 3/16"	50/100	500 Hz-10k Hz	8	94	500/10k	poly cone	$34.95 ea.
5"	Ultimate	132PM4010	2⅛"	25/50	100 Hz-10k Hz	4	91	100/6k	coated paper cone	$24.95 ea.
5¼"	Kicker	206R54	2½"	45/90	50 Hz-5k Hz	4	87	100/5.5k	polymineral cone	$109.95 pr.
5¼"	Pioneer	130TSM133	2⅛"	35/100	38 Hz-11k Hz	4	88	75/3k	grilles included	$79.95 pr.
5¼"	Polk	107MM5510	2½"	50/100	40 Hz-3k Hz	4	89	75/2.5k	grilles included	$99.95 pr.
5¼"	Pyle	131DW52164	2⅜"	70/140	75 Hz-8.5k Hz	4	90	200/2k	coated paper cone	$39.95 ea.
5¼"	Ultimate	132PM5210	2½"	30/55	80 Hz-10k Hz	4	91	160/6k	coated paper cone	$24.95 ea.

Tweeters

Manufacturer	Item Number	Type	Frequency Response (Hz)	Max. Power RMS/Peak (watts)*	Imp. (ohms)	SPL (dB)	Maximum Diameter	Mounting Depth	Special Notes	Your Price
Infinity	108PCELL	1" polyfoam diaphragm	3.5k-22k	20/40	4	94	2⅜"	surface	separate crossovers included	$119.95 pr.
JBL	109GT03	½" pure titanium dome	5k-25k	45/90	4	90	2 7/16 x 2⅛ x ¾	surface	includes 12 dB/octave crossover	$69.95 pr.
Kenwood	113KFCT201	1" soft dome	2k-23k	50/150	4	89	2 5/16"	½"	mounting depth is 1 1/16" w/recess kit	$89.95 pr.
Kenwood	113KFCT301	1" titanium dome	2k-25k	50/150	4	89	2 5/16"	½"	mounting depth is 1 1/16" w/recess kit	$119.95 pr.
Kicker	206HORN	2"x6" horn	1.9k-40k	75/150	4	95	3⅛" x 7⅜"	4¼"	2kHz x-over recommended	$19.95 ea.
Kicker	206D14X	½" hard dome	4.5k-21k	150/300	4	94	3"	¾"	polyamide/ferrofluid	$59.95 pr.
Kicker	206GRD20X	¾" polyester film dome	4.5k-21k	75/150	6	89	2¾"	¾"	12 dB/octave x-over & grilles included	$79.95 pr.
Kicker	206D20X	¾" polyester film dome	4.5k-21k	75/150	6	89	3⅛"	¾"	12 dB/octave x-over included	$69.95 pr.
Kicker	206ND25	1" silk soft dome	3.5k-20k	150/300	4	92	1⅞"	1¼"	18 dB/octave x-over included	$199.95 pr.
MDS	152ST30	world's smallest dome	6k-22k	25/50	4	90	1⅝"	surface	adjustable angle, mounting adhesive	$69.95 pr.
MDS	152ST35	1" plastic dome	5k-20k	25/50	4	90	2"	⅝"	includes 6k Hz crossover	$69.95 pr.
MDS	152ST45	varimount dome	6k-22k	25/50	4	90	2¼"	surface	thermal overload protection	$69.95 pr.
Pioneer	130TST11	⅞" hard dome	2.5k-25k	35/100	4	90	2¼"	⅝"	flush & surface mount	$49.95 pr.
Polk	107MM3000	1" layered dome	2k-26k	50/100	4	92	2 5/16"	1⅛"	neo/ULV ferrofluid	$149.95 pr.
Polk	107MM1200	½" polymer dome	3.5k-20k	35/75	4	92	2¼"	surface	ferrofluid-filled	$69.95 pr.
Pyle	131KD3580	1" soft dome	4k-20k	40/80	8	94	3¾"	1¼"	opt. spacer #131SPT35 $4 ea.	$49.95 pr.
Sony	158XSH6	1" soft dome	3k-30k	75/150	4	88	1¾"	surface	Neodymium magnet	$119.95 pr.
Sony	158XSH05	1" balanced drive	5k-30k	75/140	4	89	2½"	surface	adjustable angle bracket	$79.95 pr.
Sony	158XSH4	polycarbonate dome	5k-25k	60/120	4	89	1¾"	surface	angle adaptor included	$69.95 pr.

For tweeters you can easily add to your existing system, see next page.

Footnotes:
N.R. = not recommended.
* Using amplifiers with RMS power ratings within this range will ensure correct operation of the driver.
** These recommendations should be used as a starting point. Slightly different values may work better in your system.
† Dual voice coil, rating is per coil.
†† Classified as "Special Application" footnote "90" in the Crutchfield Installation Guide (pp. 28-35).
Enclosure volumes are net internal volumes. Add 10% to account for bracing and for the woofer. Add thickness of wood to dimensions. Thiele-Small parameters available upon request. Sorry, but we can only supply specifications for woofers listed in this catalog.

THANK YOU

Dear Crutchfield,

"I ordered two 15-inch dual voice coil Cerwin Vega subwoofers and am astonished with their quality and output. The service I have received is prompt, courteous, and polite. Thank you, Crutchfield."

Jarrod L.
Rochester, NY

MDS Add-on Tweeters *Any System Can Move Up To More Spacious Sound*

Does your system sound a little "closed in," not as open, spacious as you'd like? These tweeters from MDS can be easily added to any—even factory systems. And they'll really do the trick. Never harsh, always clean, each includes a crossover (6dB @ 6kHz) and can be wired in parallel directly from existing speakers (crossover is internal on ST-30). A special thermal overload device limits power to the tweeter when it senses significant distortion. The model ST-30, the smallest enclosure on the market, is recommended for mounting in the upper corners of your windshield or on the windshield pillars. The ST-35 is the flush-mount version for a neat, concealed look. The surface mount ST-45 can be rotated within its housing to achieve optimum imaging. Super-secure mounting adhesive included. Warranty: 1 year.

Specifications: Frequency response 6,000-22,000 Hz; (5,000-20,000 Hz for ST-35); Max. watts 25 RMS/50 peak; Sensitivity 90 dB. Dim: (ST-30) 1⅝" diameter x 1"D; (ST-35) 2⅛" diameter x ¾"D; (ST-45) 2¼" diameter x 1"D.

ST-30 Item #152ST30 ***$69.95 pair***
ST-35 Item #152ST35 ***$69.95 pair***
ST-45 Item #152ST45 ***$69.95 pair***

Money-saving Single-driver Subwoofer Boxes *by Q-Logic*

Here's the answer for bass buffs on a budget. These solidly built bandpass subwoofer boxes are less expensive than Q-Logic's dual woofer boxes and, of course, you'll only need to buy one woofer. Use a dual-voice coil woofer with a 2-channel amp or a conventional woofer with a mono amp. The plexiglass panel lets you display the woofer.

8" Single-Woofer Box
Dimensions: 17¼"W x 13½"H x 13¼"D.
Item #0448BPSGL List Price: $130
YOUR PRICE: $99.95 ***Code Q 1***

10" Single-Woofer Box
Dimensions: 17$\frac{1}{16}$"W x 13½"H x 17½"D.
Item #04410BPSGL List Price: $150
YOUR PRICE: $119.95 ***Code Q 2***

12" Single-Woofer Box
Dimensions: 17$\frac{1}{16}$"W x 15½"H x 18½"D.
Item #04412BPSGL List Price: $180
YOUR PRICE: $139.95 ***Code Q 3***

15" Single-Woofer Box
Dimensions: 33"W x 17⅛"H x 17½"D.
Item #04415BPSGL List Price: $300
YOUR PRICE: $229.95 ***Code Q 4***

Matching woofer and enclosure to get the best possible sound is easy—just match the box's "Code" with those in the woofer chart on page 53. Truck-style and dual-woofer boxes are displayed on page 51.

Woofers not included with Q-Logic boxes.

XTC Passive Crossovers

These 2- and 3-way crossovers combine all the necessary high-and low-pass filters for a single channel in a sealed plastic enclosure, with mounting tabs and color coded input and output wires. Can be used with either 4 or 8 ohm tweeters. Maximum power handling 200 watts.

2-way: 80 Hz
4 ohm Item #237CX0084 $49 ea.
8 ohm Item #237CX0088 $49 ea.

2-way: 100 Hz
4 ohm Item #237CX0104 $39 ea.
8 ohm Item #237CX0108 $39 ea.

2-way: 110 Hz
4 ohm Item #237CX0114 $39 ea.
8 ohm Item #237CX0118 $39 ea.

2-way: 120 Hz
4 ohm Item #237CX0124 $39 ea.
8-ohm Item #237CX0128 $39 ea.

2-way: 150 Hz
4 ohm Item #237CX0154 $39 ea.
8 ohm Item #237CX0158 $39 ea.

2-way: 2500 Hz
4 ohm Item #237CX204 $19 ea.
8 ohm Item #237CX208 $19 ea.

2-way: 4000 Hz
4 ohm Item #237CX244 $19 ea.
8 ohm Item #237CX248 $19 ea.

2-way: 5000 Hz
4 ohm Item #237CX254 $19 ea.
8 ohm Item #237CX258 $19 ea.

2-way: 6000 Hz
4 ohm Item #237CX264 $19 ea.
8 ohm Item #237CX268 $19 ea.

3-way 120/2500 Hz
4 ohm Item #237CX31204 $49 ea.
8 ohm Item #237CX31208 $49 ea.

3-way 120/4000 Hz
4 ohm Item #237CX31244 $49 ea.
8 ohm Item #237CX31248 $49 ea.

3-way: 120/6000 Hz
4 ohm Item #237CX31264 $49 ea.
8 ohm Item #237CX31268 $49 ea.

You can also custom design your own crossover network with the individual XTC filters listed below. Crossover slope on all filters is 12 dB/octave.

Low Pass

Item #	Frequency	Impedance	Your Price
#237SX8042	80 Hz	4 ohm	$29 ea.
#237SX9042	90 Hz	4 ohm	$29 ea.
#237SX1042	100 Hz	4 ohm	$29 ea.
#237SX1542	150 Hz	4 ohm	$26 ea.
#237SX1582	150 Hz	8 ohm	$29 ea.
#2372024	200 Hz	4 ohm	$20 ea.
#2372028	200 Hz	8 ohm	$20 ea.
#2374024	400 Hz	4 ohm	$18 ea.
#2374028	400 Hz	8 ohm	$18 ea.
#2377524	750 Hz	4 ohm	$16 ea.
#2377528	750 Hz	8 ohm	$16 ea.
#2371024	1000 Hz	4 ohm	$16 ea.
#2371028	1000 Hz	8 ohm	$16 ea.
#2379024	2000 Hz	4 ohm	$14 ea.
#2379028	2000 Hz	8 ohm	$14 ea.
#2379524	2500 Hz	4 ohm	$14 ea.
#2379528	2500 Hz	8 ohm	$14 ea.
#2379324	3000 Hz	4 ohm	$14 ea.
#2379328	3000 Hz	8 ohm	$14 ea.

Band pass

Item #	Frequency	Impedance	Your Price
#23710424	100/4000 Hz	4 ohm	$29 ea.
#23710428	100/4000 Hz	8 ohm	$29 ea.
#23715424	150/4000 Hz	4 ohm	$29 ea.
#23715428	150/4000 Hz	8 ohm	$29 ea.
#23720424	200/4000 Hz	4 ohm	$24 ea.
#23720428	200/4000 Hz	8 ohm	$24 ea.
#23740424	400/4500 Hz	4 ohm	$20 ea.
#23740428	400/4500 Hz	8 ohm	$20 ea.
#23750424	500/4500 Hz	4 ohm	$17 ea.
#23750428	500/4500 Hz	8 ohm	$17 ea.
#23775424	750/4500 Hz	4 ohm	$17 ea.
#23775428	750/4500 Hz	8 ohm	$17 ea.
#23791424	1000/4500 Hz	4 ohm	$14 ea.
#23791428	1000/4500 Hz	8 ohm	$14 ea.
#23792424	2000/4500 Hz	4 ohm	$14 ea.
#23792428	2000/4500 Hz	8 ohm	$14 ea.
#23799424	2500/4500 Hz	4 ohm	$14 ea.
#23799428	2500/4500 Hz	8 ohm	$14 ea.

High Pass

Item #	Frequency	Impedance	Your Price
#237HX8042	80 Hz	4 ohm	$29 ea.
#237HX8082	80 Hz	8 ohm	$29 ea.
#237HX9042	90 Hz	4 ohm	$29 ea.
#237HX9082	90 Hz	8 ohm	$29 ea.
#237HX1042	100 Hz	4 ohm	$29 ea.
#237HX1082	100 Hz	8 ohm	$29 ea.
#237HX1242	120 Hz	4 ohm	$24 ea.
#237HX1282	120 Hz	8 ohm	$24 ea.
#237HX1542	150 Hz	4 ohm	$24 ea.
#237HX1582	150 Hz	8 ohm	$24 ea.
#2372402	200 Hz	4 ohm	$17 ea.
#2372404	400 Hz	4 ohm	$14 ea.
#2372408	800 Hz	4 ohm	$11 ea.
#2372420	2000 Hz	4 ohm	$9 ea.
#2372425	2500 Hz	4 ohm	$9 ea.
#2372430	3000 Hz	4 ohm	$9 ea.
#2372440	4000 Hz	4 ohm	$9 ea.
#2372442	4250 Hz	4 ohm	$9 ea.
#2372450	5000 Hz	4 ohm	$9 ea.

Car Stereo Amplifiers

The key to sensational sound, at high or low volume

Why should you add a high-quality power amp to your car stereo system? Well, acquiring the means to play your music LOUD is one obvious reason. But there's a lot more to it than that:

- If you want lots of bass, and we're talking about clean, tight, precise bass, you need lots of power.
- You'll hear a more dramatic difference between the loud and soft passages in your music. It's called dynamic range, and the more power you have, the wider that range will be.
- You'll get cleaner sound. Playing your music loud with low power can create distortion, and it's distortion—not power—that blows speakers.

Channeling your power

Today's amps give you a bigger universe of speaker options:

- Traditional 2-speaker, left- and right-channel stereo.
- Four-channel stereo, with a pair of stereo speakers (or set of component speakers) in the front and another set in the rear.
- Three-channel (sometimes called Tri-mode™ or dual-mode), in which one amp drives a pair of stereo speakers and a single subwoofer for serious bass.

Some amps even come with built-in crossovers, so you can design a system that uses separate channels to drive a variety of woofers, midrange speakers and tweeters.

Clean Input Yields Awesome Output

RCA preamp input jacks

If your receiver has preamp outputs, you can feed its clean low-level signal to the amplifier's preamp inputs via a standard RCA patch cord.

The signal travels to an equalizer or electronic crossover first, if you're using either. If not, the signal goes directly to the add-on power amplifier, then on to your speakers.

If your low-powered receiver lacks preamp outputs, you can connect its speaker leads directly to any amplifier that provides speaker-level inputs. This method isn't as clean-sounding as using preamp-level connections.

A good place to mount an amp is in the trunk, where there's room for ventilation. Here, a Kenwood amp and an Infinity crossover are neatly mounted to a board.

The New Frontier in Car Stereo Amps

The latest word in the car stereo amplifier world is the "D" word.

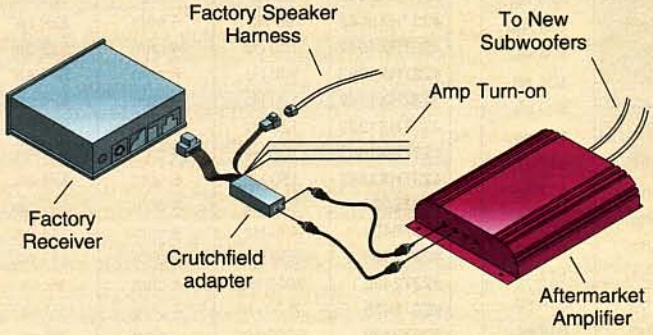
Digital.

No longer do amps that produce lots of watts have to take up lots of precious space. Compact digital amps also run cooler because they convert battery current more efficiently than conventional amps.

Who says powerful amps don't come in small packages? Infinity's DPA-275 produces 75 watts per channel from a box that measures 8¾" x 6⅜" x 2 3/16".

For all the details, **see page 62.**

Adding Power To A Factory Receiver



Adding an aftermarket subwoofer amplifier to a Nissan factory system.

In some GM, Ford, or Nissan models, you can add an amp to your factory system using our custom adapters.

GM–models with the new 2-piece radio (cassette deck separate from the radio controls) can use our adapters to add an amp:
Front channels– #205GMANAF $29
Rear channels– #205GMANAR $29

Ford–models with the premium sound system ("toggle-type" volume control) can use the factory wiring to connect an aftermarket 4-channel amp *and* 4-channel receiver. Our custom adapter is: #205FRDREPL $29

Nissan–our custom adapters #205NISANAF (for the front) and #205NISANAR (for the rear)—$29 each—let you add an amplifier and speakers to the factory receiver, or add a receiver to the factory amplifier and speakers. These adapters even work with Nissan/Bose systems!

5,000 Watts for $29.95?

Why you'll see such a wide range of prices on car amps

How can one amp claiming to produce 40 watts per channel sell for $99 while another sells for $200 or more?

The short answer is that all watts are not created equal.

When you spot an ad that looks too good to be true, check to see if the wattage quoted is "Peak Power" or the more realistic "RMS Power." Also check the frequency response and distortion (THD) figures at the rated wattage. If the power rating fails to include all of these parameters, chances are you're looking at some dubious watts.

The long answer is that, even among amps with truly comparable wattage, there are significant differences in design and construction that can make a big difference in performance and reliability. Look for the following features:

▶ A high-voltage power supply

Amps that lack a DC-to-DC converter cannot boost the voltage level beyond the car battery's 12-14 volt range. These amps are therefore physically incapable of producing more than 18 to 20 honest watts per channel. If you want more power, you have to step up to an amp with its own complete power supply.

▶ A regulated power supply

Because your car battery faces so many other demands, it's not a very reliable power source for your stereo. An amp with a regulated power supply maintains a rock-steady input voltage, regardless of how old your battery is or whether you're running headlights or other electrical accessories. If your amp needs voltage to respond to a sudden musical peak, a regulated power supply ensures it will get it. The more advanced amps use special high-performance transistors called MOSFETS to provide higher efficiency.

▶ Discrete output devices

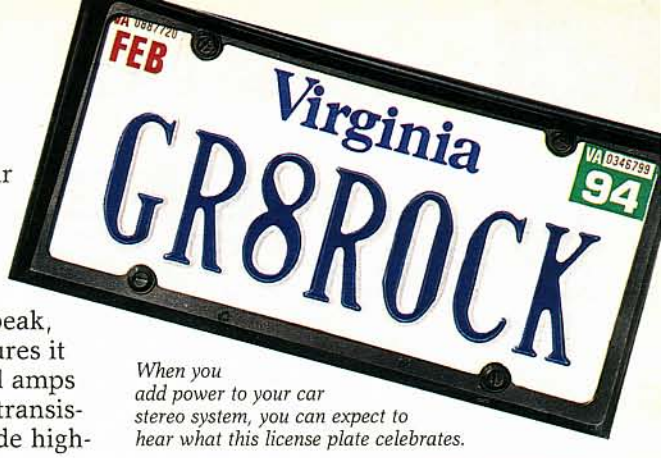
Some amps use relatively inexpensive integrated circuits to produce power. They're fine for amps that are built into receivers and lower-powered outboard amps. But if you're looking at amps of more than 20 watts per channel, look for high-current discrete output transistors. These are comparable to the transistors in home Hi Fi amps.

▶ Cooling fans

Some of the very high-output amps add their own internal fans to keep the amp running cool. This feature can add life to the amp by making sure it never overheats. (Many amps shut themselves off if they get too hot, and the music just stops.)

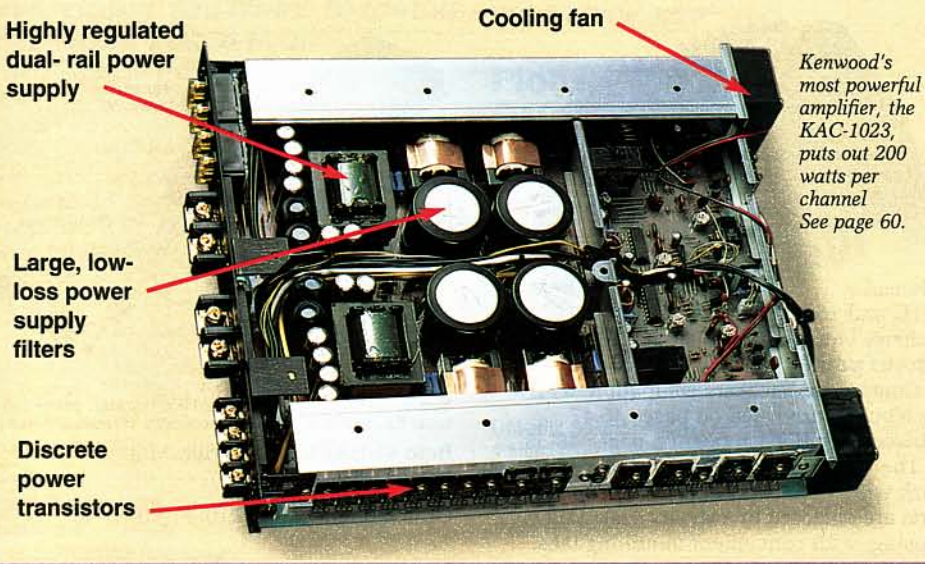
▶ Heavy-duty terminals

For high-power amps, we recommend heavy-duty power wires and high-quality interconnect cables, such as the StreetWires and Monster Cables on pages 66-67 or the economical wiring kits on page 59. Heavy-duty terminals on the amp help make the connections easier and more secure.



When you add power to your car stereo system, you can expect to hear what this license plate celebrates.

Anatomy of a High-Quality Amplifier



Kenwood's most powerful amplifier, the KAC-1023, puts out 200 watts per channel *See page 60.*

Car Amplifier Glossary

Bridging: The connection of two channels to drive a single speaker. The resulting power output is often much greater than the sum of the two channels.

DC-to-DC Converter: A group of components within an amplifier that converts battery voltage (DC) to a much higher voltage to drive the amplification stage. This circuitry is required for an amp to produce high output power.

Discrete: A term to describe an amp with high-quality output transistors instead of chip-type op-amps.

Dynamic Range: Expressed in decibels, the range of signal amplitudes (from the loudest to the quietest) that can be reproduced by a amp.

Heatsink: The fins that dissipate heat that would otherwise build up inside an amplifier.

Impedance: Also referred to as ohm load, impedance is the resistance to current flow presented by a speaker or series of speakers. Some amps are unstable driving loads of less than 4 ohms.

MOSFET: Metal Oxide Semiconductor Field Effect Transistor. A type of transistor that is controlled by voltage rather than current, like a bipolar transistor is. MOSFETs have a higher switching speed than bipolar transistors and generate almost no heat, which gives the power supply fast response, and high efficiency.

Passive Equalizer: A tone-shaping device that installs between the receiver and amplifier. Not to be confused with an equalizer-booster, which contains an amplifier to boost the speaker output of a receiver.

Tri-mode™: What Kenwood calls an amplifier capable of driving a pair of stereo speakers and a single sub-woofer simultaneously. (Sony calls it "dual mode.")

Amplifiers	Design	RMS Power (watts)	THD at Rated RMS Power	Bridged RMS Power (watts)	Peak Power (watts)	Frequency Response	Signal-to-Noise Ratio	RCA Preamp Input Sensitivity Range	Speaker Input Sensitivity Range	Number of Speaker Outputs	Warranty	List Price	Your Price
Alphasonik 2030i	Stereo/Mono	30 x 2	0.05%	60 x 1	–	5-30k Hz (±0.5dB)	95 dB	100mV-1V	1V-10V	2	1 yr.	$179	$119.95
Alphasonik 2050i	Stereo/Mono	50 x 2	0.05%	100 x 1	–	5-30k Hz (±0.5dB)	95 dB	500mV-3V	1V-10V	2	1 yr.	$199	$139.95
Alphasonik 2075iX	Stereo/Mono	75 x 2	0.05%	150 x 1	–	5-30k Hz (±0.5dB)	95 dB	500mV-3V	1V-10V	2	1 yr.	$249	$179.95
Alphasonik 2100iX	Stereo/Mono	100 x 2	0.05%	200 x 1	–	5-30k Hz (±0.5dB)	98 dB	500mV-3V	1V-10V	2	1 yr.	$349	$249.95
Carver KMOS2150	Stereo/Mono	75 x2	0.50%	200 x 1	–	20-20k Hz (±1 dB)	100 dB	10mV-2V	250mV-7V	2	1 yr.	$380	$329.95
Carver KMOS2200	Stereo/Mono	100 x 2	0.50%	340 x 1	–	20-20k Hz (±1 dB)	100 dB	10mV-2V	250mV-7V	2	1 yr.	$480	$429.95
Infinity DPA-250	Stereo	50 x 2	0.10%	–	–	20-20k Hz (±4 dB)	90 dB	250 mV-2V	–	2	1 yr.	–	$399.95
Infinity DPA-275	Stereo/Mono	75 x 2	0.10%	150	–	20-20k Hz (±4 dB)	90 dB	250 mV-2V	–	2	1 yr.	–	$499.95
Jensen A-82	Stereo	17 x 2	1.0%	–	40 x 2	10-30k Hz (±3dB)	80 dB	100mV-500mV	500mV-5V	2	1 yr.	$70	$49.95
Jensen A-84	4-channel	17 x 4	1.0%	–	40 x 4	10-30k Hz (±3dB)	80 dB	2 pr. 100-500mV	500mV-5V	4	1 yr.	$130	$89.95
Jensen A-222HX	Stereo/Mono	50 x 2	0.5%	125 x 1	100 x 1	10-30k Hz (±3dB)	86 dB	25mV-250mV	250mV-2.5V	2	1 yr.	$220	$139.95
Jensen A-322LX	Stereo/Mono	75 x 2	0.5%	175 x 1	150 x 1	10-30k Hz (±3dB)	86 dB	25mV-250mV	250mV-2.5V	2	1 yr.	$300	$179.95
Jensen A-4320	2,3,4-channel	50 x 4	0.5%	125 x 2	100 x 4	10-30k Hz (±3dB)	86 dB	2 pr. 25-500mV	250mV-2.5V	4	1 yr.	$340	$219.95
Kenwood KAC-424	Stereo	20 x 2	1.0%	–	40 x 2	6-40k Hz (±3dB)	100 dB	150mV-3V	–	2	1 yr.	$100	$79.95
Kenwood KAC-624	Stereo/Mono	40 x 2	0.08%	110 x 1	80 x 2	4-45k Hz (±3dB)	100 dB	150mV-3V	–	2	1 yr.	$190	$169.95
Kenwood KAC-644	2,3,4-channel	16 x 4	0.08%	45 x 2	40 x 4	5-35k Hz (±3dB)	100 dB	2 pr. 150mV-3V	–	4	1 yr.	$240	$199.95
Kenwood KAC-714	Mono bass	100 x 1	0.08%	–	200 x 1	30-200 Hz	100 dB	150mV-3V	–	1	1 yr.	$240	$199.95
Kenwood KAC-744	2,3,4-channel	40 x 4	0.08%	110 x 2	80 x 4	2-45k Hz (±3dB)	100 dB	2 pr. 150mV-3V	–	4	1 yr.	$360	$329.95
Kenwood KAC-723	Stereo/Mono	40 x 2	0.05%	100 x 1	95 x 2	2-45k Hz (±3dB)	105 dB	150mV-3V	–	2	1 yr.	$280	$249.95
Kenwood KAC-823	Stereo/Mono	70 x 2	0.05%	180 x 1	160 x 2	2-45k Hz (±3dB)	105 dB	150mV-3V	–	2	1 yr.	$410	$349.95
Kenwood KAC-923	Stereo/Mono	100 x 2	0.05%	270 x 1	220 x 2	2-45k Hz (±3dB)	105 dB	150mV-3V	–	2	1 yr.	$520	$449.95
Kenwood KAC-1023	Stereo/Mono	200 x 2	0.05%	600 x 1	600 x 1	2-45k Hz (±3dB)	105 dB	150mV-3V	–	2	1 yr.	$1,000	$899.95
Pioneer GM-H22	Stereo/Mono	25 x 2	0.05%	70 x 1	50 x 2	10-50k Hz (±1 dB)	100 dB	200mV-2V	–	2	1 yr.	$204	$139.95
Pioneer GM-H44	2,3,4-channel	25 x 4	0.05%	80 x 2	50 x 4	10-50k Hz (±1 dB)	102 dB	2 pr. 200mV-2V	–	4	1 yr.	$384	$269.95
Prestige PA-265	Stereo/Mono	65 x 2	0.04%	190 x 1	–	20-20k Hz (±3 dB)	105 dB	250mV-2.5V	–	2	2 yrs.	$350	$179.95
Prestige PA-290	Stereo/Mono	90 x 2	0.04%	275 x 1	–	20-20k Hz (±3 dB)	105 dB	250mV-2.5V	–	2	2 yrs.	$400	$219.95
Sherwood XA-1140	Stereo	18 x 2	0.5%	–	25 x 2	16-37k Hz (±1 dB)	92 dB	200mV-1V	1V-5V	2	1 yr.	$90	$59.95
Sherwood XA-1141	4-channel	18 x 4	0.5%	–	25 x 4	16-37k Hz (±1 dB)	92 dB	200mV-1V	1V-5V	4	1 yr.	$125	$79.95
Sherwood XA-T70	Stereo/Mono	35 x 2	0.1%	100 x 1	55 x 2	5-60k Hz (±1dB)	105 dB	200mV-1V	1V-5V	2	1 yr.	$300	$199.95
Sherwood XA-T120	Stereo/Mono	60 x 2	0.1%	150 x 1	90 x 2	5-60k Hz (±1dB)	105 dB	200mV-1V	1V-5V	2	1 yr.	$370	$239.95
Sherwood XA-T240Q	2,3,4-channel	60 x 4	0.1%	150 x 2	90 x 4	5-60k Hz (±1dB)	105 dB	2 pr. 200mV-1V	1V-5V	4	1 yr.	$525	$329.95
Sherwood XA-T340Q	2,3,4-channel	85 x 4	0.05%	175 x 2	120 x 4	2-100k Hz (±1dB)	105 dB	2 pr. 250mV-2.5V	–	4	1 yr.	$675	$429.95
Sherwood XA-T440Q	2,3,4-channel	110 x 4	0.05%	250 x 2	165 x 4	2-100k Hz (±1dB)	105 dB	2 pr. 250mV-2.5V	–	4	1 yr.	$800	$499.95
Sony XM-2020S	Stereo	20 x 2	0.5%	–	35 x 2	8-100k Hz (±3dB)	95 dB	100mV-2V	–	2	1 yr.	$100	$49.95
Sony XM-2040S	4-channel	20 x 4	0.5%	–	35 x 4	8-100k Hz (±3dB)	95 dB	2 pr. 100mV-2V	–	4	1 yr.	$170	$129.95
Sony XM-3021	Stereo/Mono	30 x 2	0.04%	70 x 1	60 x 2	8-100k Hz (±3dB)	100 dB	100mV-2V	–	2	1 yr.	$180	$129.95
Sony XM-4520	Stereo/Mono	45 x 2	0.04%	110 x 1	100 x 2	5-100k Hz (±3dB)	108 dB	100mV-2V	–	2	1 yr.	$230	$179.95
Sony XM-6020	Stereo/Mono	60 x 2	0.04%	170 x 1	150 x 2	8-100k Hz (±3dB)	105 dB	100mV-2V	–	2	1 yr.	$300	$249.95
Sony XM-10020	Stereo/Mono	100 x 2	0.04%	280 x 1	200 x 2	8-100k Hz (±3dB)	105 dB	100mV-2V	–	2	1 yr.	$500	$399.95
Sony XM-2540	2,3,4-channel	25 x 4	0.04%	60 x 2	50 x 4	8-100k Hz (±3dB)	108 dB	2 pr. 200mV-2V	2V-16V	4	1 yr.	$280	$229.95
Sony XM-4040	2,3,4-channel	40 x 4	0.04%	100 x 2	90 x 4	8-100k Hz (±3dB)	105 dB	2 pr. 100mV-2V	–	4	1 yr.	$360	$299.95

Infinity Nucleus

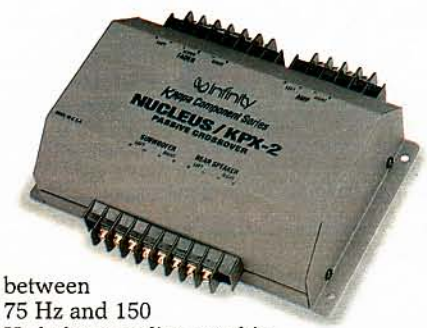
A crossover to build a high-end system with a single amp

Pulling your multi-speaker system together is easy with the Nucleus passive crossover from Infinity's audiophile Kappa Series.

It lets you drive two subwoofers and a pair of matched component speakers with one amp. With the optional front/rear fader control, you can add a second pair of speakers.

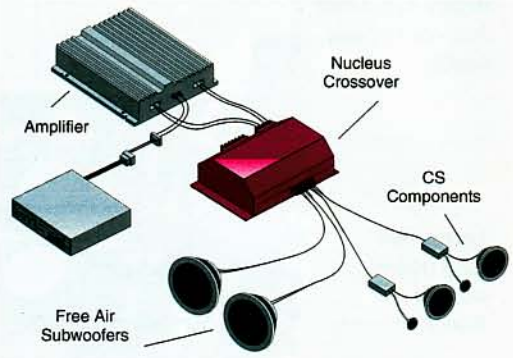
The resulting sound is nothing short of sensational. You get a vivid stereo image, with a very distinct punchiness that audiophiles like to call transient response.

This versatile 2-way crossover combines a 75 Hz low-pass filter (12 dB/octave slope) and a 150 Hz high pass filter (6 dB). The reason for the staggered crossover points is that most vehicle interiors exhibit a resonant peak around 100 Hz. Creating the gap between 75 Hz and 150 Hz helps equalize out this acoustic peak.



Component speakers compatible with the Nucleus are listed on pages 46-47. Subwoofer options appear on pages 48-55.

The U.S.-made Nucleus is designed to work with 4-ohm speakers only. Its rugged parts are enclosed in a sturdy sealed metal housing, with convenient mounting tabs.



Specs: Frequency response 20-20,000 Hz; Max. power 100 watts RMS; Dim: 8"W x 2 5/16"H x 6 7/16"D. Warranty: 1 year.

Item #108KPX2 List Price: $160

YOUR PRICE: $129.95

Optional fader Item #108FADER ***$49.95***

Sony Compact Amps XM-2020S • XM-2040S

Sony Quality That Fits Tight Budgets and Tight Places

These good-looking Sony amps will make a really noticeable difference in your system's sound—without putting a big dent in your wallet. The XM-2020, about the size of a paperback book, offers a super-clean 20 watts x 2 channels. Both models have:

- thermal overload protection
- RCA preamp inputs with adjustable sensitivity to match a wide variety of receivers

Specifications: 20 watts x 2 channels into 4 ohms at 0.5% THD (20 watts x 4 channels for XM-2040S). Dimensions: (XM-2020S) 5¾"W x 1¼"H x 3⅛"D; (XM-2040S) 4¾"W x 1⅜"H x 7"D.

Item #158XM2020S List Price: $100

SALE: $49.95 *Supplies limited*

*The **XM-2040** supplies 20 watts to 4 channels.*

Item #158XM2040S List Price: $170

YOUR PRICE: $129.95

Amplifier Wiring Kits

Everything You Need To Install Your Amp Like a Pro!

For amps up to 100 watts, The Right Stuff **RSX-312** wiring kit includes a 20-foot 12-gauge power wire, ground and turn-on leads, 20-amp fuse, 6 feet of flex loom tubing, wire ties, terminals, crimps connectors, plus a 20-foot RCA patch cable. For amps up to 200 watts, the **RSX-310** kit has a 10-gauge power wire, circuit breaker and 17-foot patch cable. The **RSX-308** 350-watt kit includes an 8-gauge power wire, circuit breaker and 17-foot patch cable.

100-watt kit Item #044RSX312 ***$19.95***

200-watt kit Item #044RSX310 ***$29.95***

350-watt kit Item #044RSX308 ***$39.95***

If you already have RCA patch cables, we offer a generic kit with: 20-foot fuse-protected 10-gauge power wire, 16-foot ground and turn-on leads, plus FlexGard tubing and wire ties.

Item #263TRUNK ***$14***

Sony MOSFET Amps XM-3021 • XM-4520 • XM-6020 • XM-10020

Sony's high-performance amps have what it takes to make your car system really sing, from the surprising punch of the XM-3021's 30 watts per channel, to the brute force of the XM-10020's 100 watts per channel. All four models have:

- regulated MOSFET power supplies deliver clean, consistent power
- pure, discrete high-current output sections for accuracy and impact
- super-efficient—able to drive 2-ohm loads
- standard 2-speaker stereo and high-power bridged mono operation
- Dual-Mode design lets you inexpensively drive a pair of stereo speakers and a subwoofer *at the same time* (crossover recommended)
- gold-plated speaker and power terminals (not on XM-3021)
- RCA preamp inputs with variable input sensitivity for easy system matching
- thermal overload, voltage, and current-fault protection

XM-3021 Specifications: 30 watts x 2 channels into 4 ohms (20-20,000 Hz) at 0.04% THD (or 70 x 1). Dimensions: 9"W x 1½"H x 5¼"D.

Item #158XM3021 List Price: $180

YOUR PRICE: $129.95

XM-4520 Specifications: 45 watts x 2 channels into 4 ohms (20-20,000 Hz) at 0.04% THD (or 110 x 1). Dimensions: 8½"W x 2¼"H x 7⅛"D.

Item #158XM4520 List Price: $230

YOUR PRICE: $179.95

XM-6020 Specifications: 60 watts x 2 channels into 4 ohms (20-20,000 Hz) at 0.04% THD (or 170 x 1). Dimensions: 14½"W x 2¼"H x 7⅛"D.

Item #158XM6020 List Price: $300 (pictured)

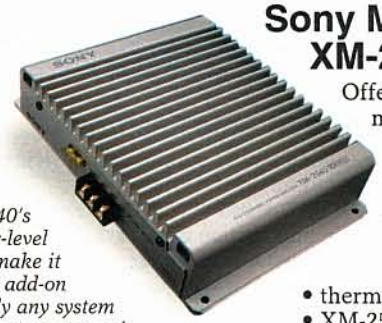
YOUR PRICE: $249.95

XM-10020 Specifications: 100 watts x 2 channels into 4 ohms (20-20,000 Hz) at 0.04% THD (or 280 x 1). Dimensions: 14½"W x 2½"H x 8⅞"D.

Item #158XM10020 List Price: $500

YOUR PRICE: $399.95

Sony MOSFET Multi-Channel Amps XM-2540 • XM-4040



The XM-2540's speaker-level inputs make it an easy add-on to nearly any system –even factory stereos!

Offering the same superb sound quality as the above models, these multi-channel amps let you run four speakers, two speakers, or a mono subwoofer and a pair of stereo satellites

- gold-plated speaker and power terminals
- RCA preamp inputs with variable input sensitivity for easy system matching with most in-dash receivers
- thermal overload, voltage, and current-fault protection
- XM-2540 has speaker-level inputs (XM-4040 does not)

XM-2540 Specifications: 25 watts x 4 channels into 4 ohms (20-20,000 Hz) at 0.04% THD (or 60 x 2 or 25/25/70). Dimensions: 8¼"W x 1⅞"H x 7⅛"D.

Item #158XM2540 List Price: $280 (pictured)

YOUR PRICE: $229.95

XM-4040 Specifications: 40 watts x 4 channels into 4 ohms (20-20,000 Hz) at 0.04% THD (or 100 x 2 or 40/40/100). Dimensions: 14⅜"W x 2⅜"H x 8⅞"D.

Item #158XM4040 List Price: $360

YOUR PRICE: $299.95

Pioneer MOSFET Amps GM-H22 • GM-H44

Dual cooling fans help the GM-H44 stay cool (GM-H22 has a single fan).

These low-profile Pioneers use an internal heatsink design and fan-cooling so they can be safely installed under seats or in other tight locations. Features include:

- **GM-H22** has 25 watts x 2 or 70 x 1
- **GM-H44** has 25 watts x 4, 80 x 2, or 25/25/80
- high-speed, high-current MOSFET power transistors
- able to produce twice the power when driving 2-ohm loads
- RCA preamp inputs with variable input sensitivity for easy system matching

GM-H22 Specifications: 25 watts x 2 channels into 4 ohms (20-20,000 Hz) at 0.05% THD (or 70 x 1). Dimensions: 9"W x 1⅞"H x 8¼"D.

Item #130GMH22 List Price: $204

YOUR PRICE: $139.95

GM-H44 Specifications: 25 watts x 4 channels into 4 ohms (20-20,000 Hz) at 0.05% THD (or 80 x 2). Dimensions: 12¼"W x 1⅞"H x 9¾"D.

Item #130GMH44 List Price: $384 (pictured)

YOUR PRICE: $269.95

Kenwood Amplifiers

KAC-424

KAC-644

Upgrading your car audio system with first-class Kenwood amplifier technology has never been so easy–or so affordable! For just $79.95 you can add the 20-watt-per-channel KAC-424. This compact 2-channel amp is perfect if you want to improve the clarity of your sound, but don't play your music super-loud. The KAC-624, KAC-644 & KAC-744 offer a more rugged design with standard stereo, bridged mono, or Tri-Mode operation (a stereo pair of speakers and a single subwoofer). Features:

- RCA preamp inputs with adjustable sensitivity to match a variety of in-dash receivers
- Tri-Mode capability on KAC-624, KAC-644 & KAC-744 —drive 1, 2 or 3 speakers (2, 4 or 6 speakers for 4-channel models); requires crossover like Kenwood KPX-T120 (see below, right)
  - all discrete output stage, stable driving 2-ohm loads (KAC-624, KAC-644 & KAC-744)

4-channel models

The KAC-644 can run four speakers, or be used in 3- or 2-channel bridged modes. The more powerful KAC-744 steps up to a regulated MOSFET power supply. It also adds a set of full-range preamp outputs to supply signal to another amp.

KAC-424 Specifications: 20 watts x 2 channels into 4 ohms (30-20,000 Hz) at 1.0% THD. Dimensions: 6¼"W x 1¼"H x 4½"D.

Item #113KAC424 List Price: $100
YOUR PRICE: $79.95

KAC-624 Specifications: 40 watts x 2 channels into 4 ohms (20-20,000 Hz) at 0.08% THD (or 110 x 1). Dimensions: 8¾"W x 1⅞"H x 5⅞"D.

Item #113KAC624 List Price: $190
YOUR PRICE: $169.95

KAC-644 Specs: 2-, 3-, or 4-channel operation, 16 watts x 4 into 4 ohms (20-20 kHz) at 0.08% THD (45 x 2 or 16/16/45). Dim: 9⅝"W x 1⅞"H x 8½"D.

Item #113KAC644 List Price: $240
YOUR PRICE: $199.95

KAC-744 Specs: 2-, 3-, or 4-channel operation, 40 watts x 4 into 4 ohms (20-20 kHz) at 0.08% THD (110 x 2 or 40/40/110). Dim: 11"W x 2"H x 9⅛"D.

Item #113KAC744 List Price: $360
YOUR PRICE: $329.95

Add bass power to any system–even factory stereos!

Kenwood KAC-714
Mono Subwoofer Amp

Nothing energizes a car stereo system like a healthy shot of deep, clean bass. Kenwood's 100-watt Mono Bass Amp will drive your subwoofer to new lows, with:

- RCA preamp inputs & speaker-level inputs with adjustable level control; easy hook up to almost any receiver, even a factory radio
- 100 watts of continuous power, with built-in Bass Boost circuit for slammin' low bass
- built-in low-pass crossover (variable from 30-200 Hz) lets you match your subwoofer with the other speakers in your system
- MOSFET power supply and discrete output stage for clean, dynamic bass punch
- 2-ohm stable so you can power *two* 4-ohm subwoofers in parallel

Specifications: 100 watts mono into 4 ohms (30-200 Hz) at 0.08% THD. Dimensions: 11"W x 2"H x 6¾"D.

Item #113KAC714 List Price: $240
YOUR PRICE: $199.95

Kenwood MOSFET Amps
Unbeatable Sound Quality, Reliability and Versatility

Just as Kenwood's HQ-Series car speakers aim for the highest possible sound quality, so do their MOSFET amplifiers. Rugged, tightly-regulated power supplies deliver clean, consistent power under any conditions, even when when driving difficult 2-ohm loads. The KAC-823, -923 and -1023 are fan-cooled.

If you're serious enough about car sound to try a multi-amp system, the versatility of these amps makes it surprisingly easy. No need for Y-connectors when expanding your system–an extra set of RCA preamp outputs is built into each amp, so you can daisy-chain them and run as many as you like!

Kenwood Amp Features:

- regulated power supply with efficient, cool-running MOSFETs
- RCA inputs and outputs (for easy multi-amp system designs)
- Tri-Mode Operation: stereo, bridged mono, or 3-speaker satellite/subwoofer (KPX-T120 crossover recommended)
- Balanced Input Isolation circuit for resistance to electrical noise
- built-in 18 dB/octave low pass filter for subwoofer (KAC-1023, -923 & -823, not KAC-723; adjustable from 30-200Hz)
- gold-plated power & speaker terminals

KAC-723 Specifications: 40 watts x 2 channels into 4 ohms (20-20,000 Hz) at 0.05% THD (or 100 watts x 1). Dimensions: 11⅞"W x 2¼"H x 7¾"D.

Item #113KAC723 List Price: $280
YOUR PRICE: $249.95

KAC-823 Specifications: 70 watts x 2 channels into 4 ohms (20-20,000 Hz) at 0.05% THD (or 180 watts x 1). Dimensions: 11⅞"W x 2¼"H x 9⅞"D.

Item #113KAC823 List: $410 (pictured)
YOUR PRICE: $349.95

KAC-923 Specifications: 100 watts x 2 channels into 4 ohms (20-20,000 Hz) at 0.05% THD (or 270 watts x 1). Dim: 11⅞"W x 2¼"H x 10⅞"D.

Item #113KAC923 List Price: $520
YOUR PRICE: $449.95

KAC-1023 Specifications: 200 watts x 2 channels into 4 ohms (20-20,000 Hz) at 0.05% THD (or 600 watts x 1). Dim: 11⅞"W x 2¼"H x 15¾"D.

Item #113KAC1023 List Price: $1000
YOUR PRICE: $899.95

Kenwood KPX-T120 Tri-Mode Crossover
Works with Any Tri-Mode Amp for Great Bass On a Budget

Here's the easy, inexpensive way to run a pair of stereo speakers and a mono subwoofer *off a single amplifier!* Just add the KPX-T120 Tri-Mode Passive Crossover Network to any amplifier with tri-mode capability (the crossover connects between your amp and speakers). The crossover network sends frequencies below 120 Hz to a mono subwoofer, and frequencies above 120 Hz to your regular stereo speakers. The KPX-T120 can handle amps with up to 100 watts per channel of RMS power (300 watts peak). It's the perfect add-on for Kenwood amps with Tri-Mode capability featured on this page. Impedance is 4 ohms. Dimensions: 5½"W x 1¾"H x 4⅜"D. Warranty: 1 year.

Item #113KPXT120 ***YOUR PRICE: $39.95***

Jensen Amplifiers

Jensen amps are some of our best watts-per-dollar values. The 2 x 17-watt **A-82** and 4 x 17-watt **A-84** offer:
- RCA preamp and speaker-level inputs
- short circuit and thermal overload protection.

A-82 Specifications: 17 watts x 2 channels into 4 ohms (20-20,000 Hz) at 1.0% THD. Dimensions: 5⅝"W x 1¾"H x 6¾"D.
Item #110A82 List Price: $70 ***YOUR PRICE: $49.95***

A-84 Specifications: 17 watts x 4 channels into 4 ohms (20-20,000 Hz) at 1.0% THD. Dim: 9⅜"W x 1⅞"H x 5⅝"D.
Item #110A84 List Price: $130 ***YOUR PRICE: $89.95***

*Jensen's **A-222HX, A-322LX,** and 4-channel **A-4320** add:*
- *efficient, cool-running MOSFET power supplies*
- *discrete bipolar output transistors for more stable operation and improved sound and reliability*
- *A-322LX's built-in low-pass crossover matches perfectly with A-222HX's high pass crossover*

A-222HX (With Crossover) Specifications: 50 watts x 2 channels into 4 ohms (20-20,000 Hz) at 0.5% THD (or 125 x 1). High-pass crossover (60/120 Hz). Dimensions: 9"W x 3"H x 9¼"D.
Item #110A222HX
List Price: $220
YOUR PRICE: $139.95

A-322LX (With Crossover) Specifications: 75 watts x 2 channels into 4 ohms (20-20,000 Hz) at 0.5% THD (or 175 x 1). Low-pass crossover (80/150 Hz). Dim: 9¼"W x 3"H x 11"D.
Item #110A322LX
List Price: $300
YOUR PRICE: $179.95

A-4320 Specifications: 2-, 3-, or 4-channel operation, 50 watts x 4 channels into 4 ohms (20-20,000 Hz) at 0.5% THD (or 125 x 2 or 50/50/100). Dimensions: 9⅜"W x 2⅜"H x 17½"D.
Item #110A4320
List Price: $340
YOUR PRICE: $219.95

Sherwood XAT-70 • XAT-120

Looking for a rugged 2-channel amp you can drive hard? These Sherwoods are ready, with circuitry that monitors operation and provides absolute protection against shorts, overloads and overheating. Features:
- discrete output transistors & amplifier stages
- speaker-level and RCA preamp-level inputs with adjustable sensitivity
- built-in selectable 150 Hz/80 Hz low-pass crossover, so you can convert these amps for subwoofer use at the flip of a switch
- oversized input terminals accommodate 8- to 4-gauge power wire for high current demands

XAT-70 Specifications: 35 watts x 2 channels into 4 ohms (20-20,000 Hz) at 0.1% THD (or 100 x 1). Dimensions: 10⅜"W x 2"H x 11"D.
Item #150XAT70 List Price: $300
YOUR PRICE: $199.95

XAT-120 Specifications: 60 watts x 2 channels into 4 ohms (20-20,000 Hz) at 0.1% THD (or 150 x 1). Dimensions: 10⅜"W x 2"H x 12¼"D.
Item #150XAT120 List Price: $370
YOUR PRICE: $239.95

Sherwood XAT-240Q • XAT-340Q • XAT-440Q
Multi-Channel Amps with Brute Power and Bullet-Proof Design

Sherwood's top amps offer a low-profile design, high-tech flexibility, and loads of clean watts for the money.
- **XAT-240Q**–60 watts x 4
  XAT-340Q–85 watts x 4
  XAT-440Q–110 watts x 4
- discrete output transistors & amplifier stages
- regulated power supply, stable down to 1 ohm
- RCA preamp-level inputs with adjustable sensitivity
- Active Thermal Induction (a variable-speed fan directs air through a special duct) makes sure the amp doesn't lose its cool (XAT-240Q has 1 fan; XAT-340Q/-440Q have dual fans)
- XAT-240Q has speaker-level inputs, plus built-in subwoofer and mid/tweeter crossovers
- XAT-340Q & XAT-440Q step up to dual power supplies

XAT-240Q Specifications: 2-, 3-, 4-channel operation, 60 watts x 4 channels into 4 ohms (20-20,000 Hz) at 0.1% THD (or 150 x 2 or 60/60/150). Dim: 13⅞"W x 2⅛"H x 12⅝"D.
Item #150XAT240Q
List Price: $525
YOUR PRICE: $329.95

XAT-340Q Specifications: 2-, 3-, 4-channel operation, 85 watts x 4 channels into 4 ohms (20-20,000 Hz) at 0.05% THD (or 175 x 2 or 45/45/160). Dim: 19½"W x 2⅛"H x 12⅝"D.
Item #150XAT340Q
List Price: $675
YOUR PRICE: $429.95

XAT-440Q Specifications: 2-, 3-, 4-channel operation, 110 watts x 4 channels into 4 ohms (20-20,000 Hz) at 0.05% THD (or 250 x 2 or 55/55/220). Dim: 21"W x 2¼"H x 12¾"D.
Item #150XAT440Q
List Price: $800
YOUR PRICE: $499.95

Made in USA

Prestige *by Audiovox*
PA-265 • PA-290
High Current, Low Price

Designed for Audiovox by one of America's premier high-end amp companies, these babies can hold their own with amps costing twice as much. No lie! Clarity, dynamics, bass, soundstaging—all top-notch. Under the gorgeous brushed titanium finish, you'll find:
- **PA-265** has 65 watts x 2 channels
- **PA-290** has 90 watts x 2 channels
- highly-efficient MOSFET power supply
- gold-plated RCA preamp inputs with adjustable sensitivity
- stereo or bridged mono operation with front panel switch
- high damping factor for tight bass
- 5-way protection circuitry
- 2-year warranty

PA-265 Specifications: 65 watts x 2 channels into 4 ohms (20-20,000 Hz) at 0.04% THD (or 190 x 1). Dimensions: 7"W x 2⅛"H x 10¼"D.
Item #220PA265 List Price: $350 (pictured)
YOUR PRICE: $179.95

PA-290 Specifications: 90 watts x 2 channels into 4 ohms (20-20,000 Hz) at 0.04% THD (or 275 x 1). Dimensions: 7"W x 2⅛"H x 10¼"D.
Item #220PA290 List Price: $400
YOUR PRICE: $219.95

For more information, please check the Amplifier Chart on page 58.

Sherwood XA-1141 • XA-1140

The 4-channel XA-1141 is a value champ with 18 watts per channel, plus RCA preamp and speaker-level inputs.

Specifications: 18 watts x 4 channels into 4 ohms (20-20,000 Hz) at 0.5% THD (XA-1140 has 18 watts x 2). Dimensions: 10¾"W x 1¾"H x 6½"D, (XA-1140) 6⅞"W x 1¾"H x 6½"D.
Item #150XA1141 List Price: $125
YOUR PRICE: $79.95 (pictured)

*If you're only running two speakers, the **XA-1140** produces 18 watts x 2.*
Item #150XA1140 List Price: $90
YOUR PRICE: $59.95

Infinity Digital Amps
Compact, Powerful, Cool

Introducing a giant leap forward in car amplifier technology.

The Infinity Digital Domain DPA series amplifiers give you the clean high power you expect in this price range, plus a few things you wouldn't expect. Like an extremely compact chassis. And cool-running circuitry that's ideal for the often-harsh automotive environment.

Patent-pending and proprietary Infinity power supply developments, along with the latest bitstream breakthroughs, produce vivid stereo imaging and accurate musical reproduction with over twice the efficiency of conventional amplifiers (see graph).

But perhaps the most shocking thing about the DPA series amps is the sound you get from such small boxes. A conventional 75-watt-per-channel amplifier, because it needs large heatsinks to stay cool, might take up an entire square foot of your precious cargo space.

The DPA-275 pumps out the same 75 watts per side from a chassis that's just a little larger than a half-page of this catalog, and weighs just 3¾ pounds. Its power can be bridged to produce a single 150-watt channel.

The DPA-250 puts out 50 watts per channel, and is not bridgeable.

What makes this unique combination of power and compactness possible is Infinity's new technique, called "Digital Switching Amplification," which converts the incoming analog signal into a stream of 1-bit pulses (the equivalent of an 11-times oversampling rate in digital terms).

The 1-bit pulses are then amplified into large, powerful pulses and converted back into analog signals by passive components that introduce no signal deterioration.

The digital pulses control a pair of high-current MOSFET switches in the power supply that create amplified 70 volt pulses across the voltage rails.

Four additional MOSFETS are used in the output stage.

Because they use current so efficiently, Infinity's digital amps are easier on your battery and alternator than conventional amps in this power range.

For extraordinary reliability, they employ five protection sensors to monitor over- and under-voltage conditions, over-power conditions, and both temperature and current overloads.

They work best with 4-ohm loads and are not compatible with 2-ohm loads.

The DPA-275 has a recessed level control that lets you boost bass by up to 10 dB at 40 Hz on both channels (not on DPA-250).

DPA-275 is pictured.

DPA-250 Specifications: 50 watts x 2 channels into 4 ohms (20-20,000 Hz) at 0.1% THD. Dimensions: 5¾"W x 2¼" H x 9¾"D.

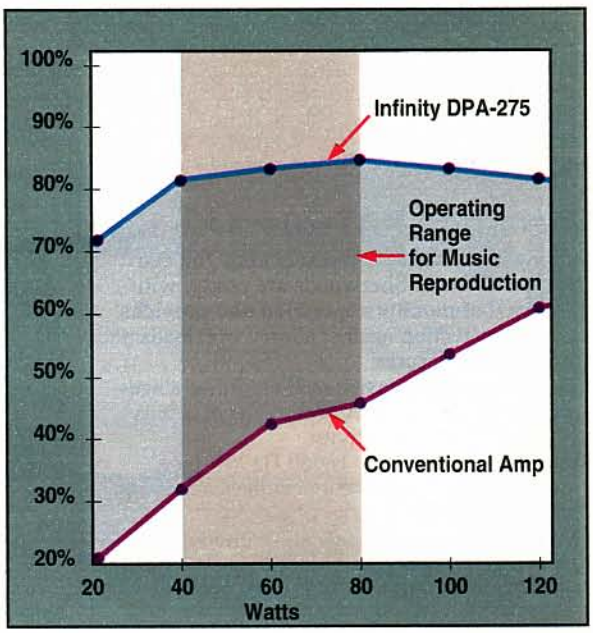
Item #108DPA250

YOUR PRICE: $399.95

DPA-275 Specifications: 75 watts x 2 channels into 4 ohms (20-20,000 Hz) at 0.1% THD (or 150 watts x 1). Dimensions: 6⅜"W x 2¼"H x 9¾"D.

Item #108DPA275

YOUR PRICE: $499.95



This graph shows efficiency versus power output for the DPA-275 (top line) and a conventional analog amplifier driven by a DC-to-DC converter (bottom line).

Carver KMOS Amps

With its classy white chassis, rack handles and Carver nameplate, the KMOS 2200 looks great in a competition-style system. Its performance lives up to the Carver legend, with 100 watts per channel (150 per channel into 2 ohms or 340 watts mono). **KMOS 2150** puts out 75 watts per channel. (Rack handles incl.)

KMOS 2200 Specifications: 100 watts x 2 channels into 4 ohms (20-20,000 Hz) at 0.5% THD (or 340 watts x 1). Dimensions: 7 1/16"W x 2⅞"H x 13¼"D.

Item #046KMOS220 (pictured)

List Price: $480 ***YOUR PRICE: $429.95***

KMOS 2150 Specifications: 75 watts x 2 channels into 4 ohms (20-20,000 Hz) at 0.5% THD (or 200 watts x 1). Dimensions: 7 1/16"W x 2⅞"H x 11"D.

Item #046KMOS215 List Price: $380

YOUR PRICE: $329.95

Alphasonik 2030i • 2050i • 2075iX • 2100iX

Like the Energizer Bunny, Alphasonik amps just keep going and going and going.... A fixture in our catalog for over 12 years now, their rugged durability and gutsy performance have kept them a customer favorite. From the crunch of heavy metal to the softest solo flute, these "i" Series models deliver, with:

- stereo and bridged mono modes
- heavy duty power supplies and discrete output transistors for clean, consistent power
- Variable Permatect circuitry provides constant power output when driving a variety of speaker loads
- speaker short and thermal overload protection
- RCA preamp and speaker-level inputs with adjustable sensitivity
- **2075iX & 2100iX** include a built-in low-pass crossover (85 Hz) so they can instantly become powerful subwoofer amps.

2050i

2030i Specifications: 30 watts x 2 channels into 4 ohms (5-30,000 Hz) at 0.05% THD (or 60 watts x 1). Dimensions: 7"W x 2¼"H x 7⅞"D.

Item #2352030I List Price: $179

YOUR PRICE: $119.95

2050i Specifications: 50 watts x 2 channels into 4 ohms (5-30,000 Hz) at 0.05% THD (or 100 watts x 1). Dimensions: 7"W x 2¼"H x 10"D.

Item #2352050I List Price: $199

YOUR PRICE: $139.95

2075iX Specifications: 75 watts x 2 channels into 4 ohms (5-30,000 Hz) at 0.05% THD (or 150 watts x 1). Dimensions: 7"W x 2¼"H x 12⅝"D.

Item #2352075IX List Price: $249

YOUR PRICE: $179.95

2100iX Specifications: 100 watts x 2 channels into 4 ohms (5-30,000 Hz) at 0.05% THD (or 200 watts x 1). Dimensions: 7"W x 2¼"H x 14¼"D.

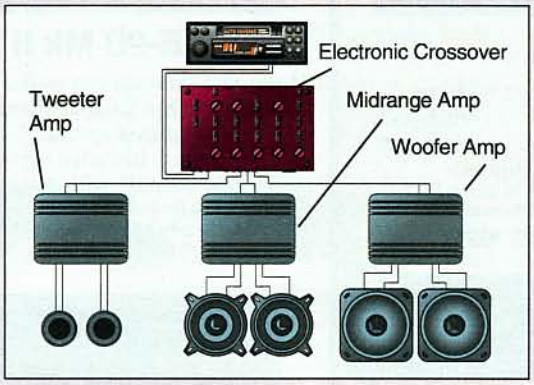
Item #2352100IX List Price: $349

YOUR PRICE: $249.95

CONSUMER TIP

How Electronic Crossovers Help Speakers & Amps

A crossover's task is to direct a certain range of frequencies to a specific speaker or speakers. Where a passive crossover accomplishes this with a combination of low-pass and high-pass filters (usually placed in-line *after* the amplifier), an electronic crossover uses active circuitry feeding multiple dedicated amplifiers (see diagram). Advantages include greater flexibility, better transient response, lower distortion, and greater efficiency. We strongly recommend the use of an electronic crossover in multi-amp component speaker systems.



Electronic crossovers let you vary the crossover point to precisely match the capabilities of the component speakers you're using. You can also adjust the level of the signal to each of your amps, making it easy to boost the highs or lows or just go for a smooth, balanced response. Adjustability also lets you choose from a wider range of component speakers. If down the road you decide you want different speakers or amps, you'll probably still be able to use your crossover with them.

F-Mods

Simply plug them into your amp's RCA patch cable, and the compact F-mods will filter out unwanted frequencies. Available in low-pass (lets the low frequencies through, filtering out the highs) and high-pass versions at multiple crossover points. All have 12 dB/octave slope and can be combined in line for band-pass applications. Priced *per pair* (both channels): **$29.95**

	Low Pass Item #	High Pass Item #
20 Hz	na	#069900073
50 Hz	#069900060	#069900074
70 Hz	#069900061	#069900075
100 Hz	#069900062	#069900076
200 Hz	#069900063	#069900077
500 Hz	#069900064	#069900078
1000 Hz	#069900065	#069900079
2500 Hz	#069900066	#069900080
3500 Hz	#069900067	#069900081
6500 Hz	#069900068	#069900082
10000 Hz	#069900069	#069900083
15000 Hz	#069900070	#069900084

Kenwood KEC-101

This simple 2-way crossover supplies the brains to match the brawn of your power amplifiers. One set of RCA preamp inputs is provided; two sets of outputs, High and Low, with independent level controls. Crossover frequencies are 50/90/4k/6k Hz with a slope of 12 dB/octave.

Specifications: Frequency response (±3dB) 20-100,000 Hz, Signal-to-Noise ratio 100 dB, THD 0.01%. Dimensions: 7⅞"W x 1⅜"H x 4⅝"D. Warranty: 1 year.

Item #113KEC101 List Price: $120
YOUR PRICE: $99.95

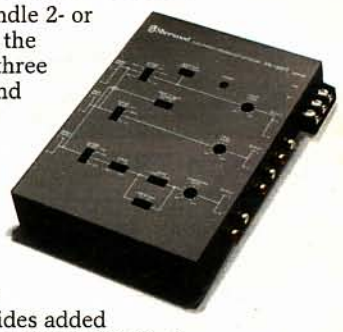
PAC Crossovers

Get cleaner, more accurate sound from your system with one of these affordable adjustable-frequency crossovers from PAC. The low-pass model allows only bass frequencies to pass to your subwoofer's amp. Choose from 5 cut-off frequencies (85/100/125/150/200Hz). High-pass version offers the same frequency choices, but lets only the highs pass to your full-range speakers or mid/tweeter sets. Crossover slopes are 12 dB/octave. Made in USA.

Specifications: Signal-to-Noise ratio 93 dB, THD 0.01%. Dimensions: 4¾"W x 2¼"H x 6¼"D. Warranty: 1 year.

Low Pass Item #127SLP ***$49.95***
High Pass Item #127SHP ***$49.95***

Sherwood XN-1000T

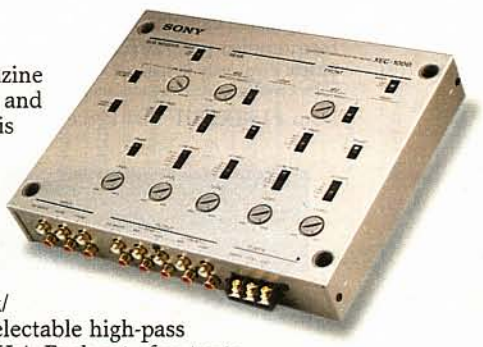


Designed to handle 2- or 3-way systems, the XN-1000T has three sets of inputs and outputs. Three crossover frequencies are available for front and rear outputs (75/150/300 Hz). A 40-times multiplier provides added choices of 3000/6000/12,000 Hz for your tweeters (front channels only). It works with either stereo or mono subwoofers; frequency options are 50/100/150 Hz. And you can dial in an extra 8 dB of bass at 45 Hz.

Specifications: Frequency Response (±3dB) 10-50,000 Hz, Signal-to-Noise ratio 98 dB, THD 0.002%, crossover slopes 12dB/octave. Dim: 7"W x 1⅜"H x 7⅜"D. Warranty: 1 year.

Item #150XN1000T List Price: $150
YOUR PRICE: $89.95

Sony XEC-1000S • XEC-700S



With top marks from *Car Audio* magazine for its flexibility, subwoofer features, and value, Sony's 10-channel XEC-1000S is actually 3 separate crossovers. It has 3 sets of inputs and 5 sets of stereo outputs to connect your amps! Your options: subwoofer low-pass (50/80/120/180Hz); separate front and rear selectable Mid/Low band-pass (between 80/120/180Hz and 2.4k/3.5k/5kHz); separate front and rear selectable high-pass outputs for tweeters (2.4k/3.5k/5k/7kHz). Each set of outputs has its own level control. Crossover slopes are 12dB/octave. The smaller, 6-channel XEC-700S lets you select between 2-way (front/rear) and 3-way operation. Both models feature low- and mid-frequency EQ adjustment.

Specifications: Frequency Response (±3dB) 3-150,000 Hz, Signal-to-Noise ratio 105 dB, THD 0.003%. Dimensions: (XEC-1000S) 10¼"W x 1⅝"H x 8½"D, (XEC-700S) 6½"W x 1⅝"H x 7⅞"D. Warranty: 1 year.

Item #158XEC1000 List Price: $290 ***YOUR PRICE: $219.95*** (pictured)
Item #158XEC700S List Price: $230 ***YOUR PRICE: $179.95***

Pioneer CD-635

The 3-way CD-635 offers the extra flexibility of continuously variable crossover frequencies so you get the best sound from whatever amplifiers and speakers you choose. Use the 50-200 Hz crossover range when using a subwoofer, or activate the 10-times multiplier (500-2kHz) for low/mid crossover frequencies. The mid/high crossover range is 3k-10kHz. The CD-635 has one set of RCA preamp inputs and 3 sets of outputs, a phase reverse switch, and stereo/mono subwoofer modes. Crossover slopes are 12dB/octave.

Specifications: Frequency Response (±3dB) 10-30,000 Hz, Signal-to-Noise ratio 101 dB, THD 0.005%. Dim: 7"W x 1"H x 6½"D. Warranty: 1 year.

Item #130CD635 List Price: $198
YOUR PRICE: $139.95

Jensen EQA-111 *EQ/Booster*

Boost your system's power *and* contour your sound with the EQA-111's 10-frequency-band adjustment. It features left/right power meters, front-to-rear fading, and switchable amber/green illumination. Includes speaker-level and preamp inputs.
Specifications: 13 watts x 4 channels, Frequency Response (±3dB) 30-20,000 Hz, Signal-to-Noise ratio 85 dB, THD 1.0%. Dimensions: 7"W x 1"H x 6⅛"D. Warranty: 90 days.
Item #110EQA111 List Price: $160 ***YOUR PRICE: $99.95***

Clarion 705EQA *EQ/Booster*

The new 7-band 705EQA is a powerful tool for improving car stereo sound. You get high power for 4 speakers with front/rear fading, and a subwoofer output with selectable low-pass frequency. Provides preamp as well as speaker level inputs. *Available Feb.*
Specifications: 13.5 watts x 4 channels, Frequency Response 20-20,000 Hz, Signal-to-Noise ratio 92 dB, THD 1.0%. Dimensions: 7"W x 1"H x 6¾"D. Warranty: 1 year.
Item #020705EQA List Price: $180 ***YOUR PRICE: $159.95***

Clarion 73EQ *Passive Equalizer*

A truly affordable way to equalize your system, fade between two full-range amps, and run a subwoofer amp (with three selectable low-pass cut-off points). Includes switchable high-pass (100Hz) frequency and EQ Defeat switch. The 73EQ has preamp inputs only.
Specifications: Freq. Resp. 10-50,000 Hz, Signal-to-Noise ratio 100 dB, THD 0.05%. Subwoofer low-pass frequencies (50/80/120Hz). Dim: 7⅜"W x 1"H x 6⅛"D. Warr: 1 year.
Item #02073EQ List Price: $160 ***YOUR PRICE: $149.95***

Pioneer EQ-4500 *Passive Equalizer*

The EQ-4500's nine bands were specially chosen to allow you to tailor your system's response, octave by octave. The two sets of preamp outputs are controlled by the dual-amp balancer. Includes switchable amber/green illumination. RCA preamp inputs only.
Specifications: Frequency Response (±3dB) 20-20,000 Hz, Signal-to-Noise ratio 101 dB, THD 0.05%. Dimensions: 7⅛"W x 1"H x 6"D. Warranty: 1 year.
Item #130EQ4500 List Price: $216 ***YOUR PRICE: $149.95***

Kenwood KGC-4042A *Passive Equalizer*

This compact 5-band EQ can make a *big* difference in the sound of your system. It has 3 sets of RCA preamp outputs—2 full-range (fader-controlled) and 1 subwoofer. Subwoofer output has adjustable crossover frequency and level control. Has switchable illumination.
Specifications: Frequency Response (±3dB) 10-60,000 Hz, Signal-to-Noise ratio 100 dB, THD 0.01%. Subwoofer crossover range (30-150Hz). Dim: 3½"W x 1"H x 6⅛"D. Warranty: 1 year.
Item #1134042A List Price: $190 ***YOUR PRICE: $169.95***

Sony XE-90 Mk II *Passive Equalizer*

Multi-amp systems can sound phenomenal, but often require a quality passive EQ to balance them. The XE-90 gives you 9 bands of precise control, plus a special "listening position" control to optimize stereo imaging. Includes two sets of full-range outputs and a set of subwoofer outputs with selectable crossover frequency and volume.
Specifications: Frequency Response 5-100,000 Hz, Signal-to-Noise ratio 105 dB, THD .005%. Subwoofer low-pass frequencies (80/120Hz). Dim: 7"W x 1"H x 6⅜"D. Warranty: 1 year.
Item #158XE90II List Price: $250 ***YOUR PRICE: $199.95***

Pioneer EQ-6500 *Passive Equalizer*

Multi-amp systems really benefit from the EQ-6500's flexibility. Along with 8 ordinary bands, there's a parametric band from 40-80Hz to really fine-tune the bass. Extras include a built-in subwoofer crossover (adjustable) and switchable amber/green illumination.
Specifications: Frequency Response (±3dB) 20-30,000 Hz, S/N ratio 101 dB, THD 0.05%. Subwoofer crossover range (40-120Hz). Dim: 7⅛"W x 1"H x 6"D. Warranty: 1 year.
Item #130EQ6500 List Price: $318 ***YOUR PRICE: $219.95***

Kenwood KGC-6042A *Parametric Passive EQ*

Along with 9 normal bands, the KGC-6042A has 2 parametric bands with variable center frequencies (30-800Hz and 800-16kHz) for real precision. Includes 2 sets of full-range preamp outputs with fading and an adjustable subwoofer output. Switchable illumination.
Specifications: Frequency Response (±3dB) 20-60,000 Hz, S/N ratio 100 dB, THD 0.01%. Subwoofer crossover range (30-150Hz). Dimensions: 7"W x 1"H x 7½"D. Warranty: 1 year.
Item #1136042A List Price: $290 ***YOUR PRICE: $259.95***

Sony XE-8 Mk II *Passive Equalizer*

It's funny how the music seems louder with the XE-8's multi-color display jumping to the beat. The 7-band equalizer includes 7 EQ memory presets and both EQ and spectrum analyzer display. The low-pass crossover for the subwoofer output provides two cut-off frequencies (80/120Hz). Includes a dual-amp balancer.
Specs: Frequency Response (±3dB) 5-100,000 Hz, Signal-to-Noise ratio 105 dB, THD 0.005%. Subwoofer low-pass frequencies (80/120Hz). Dim: 7"W x 1"H x 5¾"D. Warranty: 1 year.
Item #158XE8II List Price: $380 ***YOUR PRICE: $299.95***

BBE SM-4012 *Sonic Maximizer*

The Sonic Maximizer connects between your in-dash receiver and external amplifier(s) and makes any music played through it sound cleaner, clearer, *better*. Features: adjustable "brilliance" processing and bass boost with processing, plus 2 sets of RCA preamp outputs with fader control. Made in USA.
Specifications: Frequency Response 20-20,000 Hz, Signal-to-Noise ratio 88 dB. Dimensions: 7"W x 1⅛"H x 5⅜"D. Warranty: 1 year.
Item #168SM4012 List Price: $179 ***YOUR PRICE: $149.95***

Midland Emergency CBs

These 40-channel CBs require no installation and are powered from your car's cigarette lighter. The **77-909** comes with a built-in microphone. **77-912** also includes a flexible antenna and snap-on battery pack or greater portability. Both include a magnetic-mount antenna, carry case, DC cord with cigarette lighter adapter. 77-912's battery pack requires 8 AA batteries. Warranty: 1 year.

Model 77-909 Item #10277909 (pictured)
List Price: $150 ***YOUR PRICE: $59.95***

Model 77-912 Item #10277912
List Price: $190 ***YOUR PRICE: $79.95***

Whistler 1130

NEW

Detection for X, K, and wideband Ka radar plus laser. Straight power cord and visor bracket included. Dimensions: 2⅞"W x 1⅓"H x 5"D.

$20 mfr. rebate thru 4/15/94

Item #229WH1130 List Price: $130
YOUR PRICE: $99.95

Whistler 1250

NEW

Laser, X, K, Ka photo, and Wideband Ka radar coverage plus VG-2 "radar detector detector" detection. After a VG-2 signal is detected, the 1250 provides a special warning, then cleverly "hides" the radiated signal the VG-2 is looking for. In the tutorial mode, the 1250 provides a simulation of its audio and visual warnings. Dimensions: 2⅞"W x 1⅓"H x 5"D.

Item #229WH1250 List Price: $170
YOUR PRICE: $149.95

Midland Compact CBs

Compact enough for motorcycles and RVs, the 40-channel **77-092W** has an all-metal cabinet, quick-disconnect bracket, and LED channel display. The **77-116W** adds a built-in VHF weather receiver. Both include a magnetic mount antenna and pre-wired cable. Dim: (77-092W) 4⅞"W x 1½"H x 7¼"D; (77-116W) 6"W x 1⅝"H x 8"D. Warr: 1 yr.

Item #10277092W List Price: $100
YOUR PRICE: $59.95

Item #10277116W List Price: $150
YOUR PRICE: $89.95 (pictured)

Whistler 1190SW

The value-packed Whistler 1190SW detects all laser and traffic radar frequencies. Digital Signal Processing (DSP) ensures greater accuracy and faster analysis of incoming signals. Through sophisticated laser discrimination circuitry and optical filtering techniques, laser false alarms are almost totally eliminated. Distinctly different audio and visual radar alerts confirm detection of X, K or Super wideband Ka frequencies. The high-intensity digital display rapidly flashes the letter "L" when a laser signal is detected or displays the digits 1-9 to report the presence and strength of radar signals. Unique audio and visual alerts confirm the detection of pulse radar. The manual mute mode silences audio tones while visual warnings continue. The dark mode lets you dim the visual display for discreet night driving. Coiled power cord, visor and windshield brackets, travel case and Velcro fasteners are included. Three-year warranty. Dimensions: 2⅞"W x 1½"H x 4⅜"D.

Item #2291190SW List Price: $280
NEW LOW PRICE: $179.95

BEL 505

NEW

With Super Wideband Ka detection, BEL's new economical 505 has all the most widely used radar frequencies covered. Separate audio alerts and 3-LED signal strength meter keep you posted. Dimensions: 4⅝"W x 2¾"H x 1"D.

Item #083BEL505 List Price: $150
YOUR PRICE: $89.95

BEL 610i • 635i

Complete coverage with X, K, Super Wideband Ka, and laser detection. Separate audio alerts. Straight power cord included. Dim: 2¾"W x 1"H x 4¼"D.

Item #083BEL610I List Price: $280
YOUR PRICE: $169.95

*The **635i** adds mute mode to silence audio tones while visual warnings continue. Two-position dark mode lets you dim the visual display.*

Item #083BEL635I List Price: $360
YOUR PRICE: $219.95

BEL 645i • 645STi

Laser detection plus X, K, Super Wideband Ka radar bands. Separate audio and visual alerts. Dim, dark and mute modes. Digital display. Dimensions: 3⅛"W x 1⅛"H x 4¾"D. *Model 645i is pictured.*

Item #083BEL645I List Price: $440
YOUR PRICE: $269.95

***645STi** shields from "radar detector detectors."*

Item #083645STI ***YOUR PRICE: $299.95***

Radar Detectors	X, K, Ka Bands	Super Wideband Ka	Laser Detection	Separate Visual Alerts	Signal Strength Indicator	Separate Audio Alerts	Pulse Protection	Detection Avoidance	Anti-Falsing Circuitry	City/Highway Mode	Mute Mode	Dim/Dark Mode	Preferred Settings Memory	Mounting Systems D-dash V-visor W-windshield R-remote	Warranty
BEL 505	✔	✔			3 LEDs	✔			✔	✔			✔	D, V	1 yr.
BEL 610i	✔	✔	✔		3 LEDs	✔	✔		✔	✔			✔	D, V	1 yr.
BEL 635i	✔	✔	✔	✔	4 LEDs	✔	✔		✔	✔	✔	✔	✔	D, V, W	1 yr.
BEL 645i • 645STi	✔	✔	✔	✔	Digital 1-9	✔	✔	645STi	✔	✔	✔	✔	✔	D, V, W	3 yrs.
BEL 615iR	✔	✔	✔	✔	4 LEDs	✔			✔	✔	✔	✔		R	1 yr.
Whistler 1130	✔		✔		LED	✔	✔			✔	✔			D,V	1 yr.
Whistler 1250	✔	✔	✔		3 LEDs	✔	✔	✔	✔	✔	✔			D,W	1 yr.
Whistler 1190SW	✔	✔	✔	✔	Digital 1-9	✔	✔		✔	✔	✔	Dark		D, V, W	3 yrs.

Sorry, we cannot ship radar detectors to Virginia. Use may be regulated by state or local laws.

BEL 615 iR

NEW

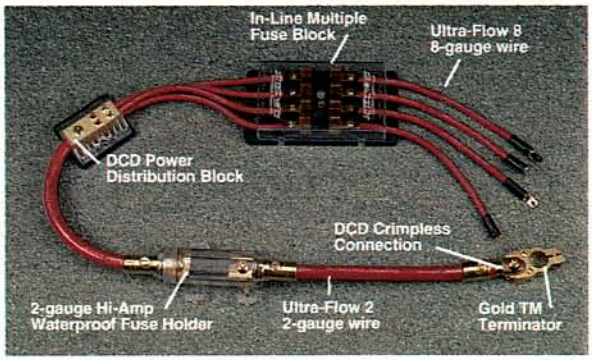
The 615iR gives you Super Wideband Ka radar and laser detection in a remote mounted unit. You get separate audio and visual alerts for radar and laser plus dim/dark and auto mute modes. Dim: (Control panel) 2¼"W x 2⅞"H x 11/16"D. (antenna) 3⅞"W x 3 3/16"H x 1⅞"D. (laser module) 2 15/16"W x 1¼"H x 11/16"D. Warr: 1 yr.

Item #083615IR List Price: $440
YOUR PRICE: $299.95

Optional rear laser module #083DA63 ***$69.95***

StreetWires™ Power Cable System from Esoteric Audio

For an installation that looks better, sounds better, lasts longer and delivers consistent performance, you'll want the best quality wiring available. Here at Crutchfield, we think the StreetWires system is the one. It's the professional and competitive edge. Its premium wiring and connectors ensure full power distribution to your entire system, allowing it to achieve its full capability. StreetWires products are made right here in the U.S. under the strictest quality control.



DCD Crimp-On Connectors

Connects Ultra-Flow power cables to amps or battery. Solid brass with 24-karat gold-plating. Heat shrink tubing included for a waterproof connection.

8-gauge, 2-pack Item #21102020
YOUR PRICE: $3.50/pack

4-gauge, 2-pack Item #21102040
YOUR PRICE: $4.50/pack

2-gauge, 2-pack
Item #21102060 ***YOUR PRICE: $7/pack***

Barrier Spades, 8-gauge 2-pack
Item #21102140 ***YOUR PRICE: $3.50/pack***

DCD Crimpless Connectors – Allows proper wiring termination without crimping. Solid brass with 24-karat gold-plating. Heat shrink tubing included for waterproof connection. Two-pack includes a red-banded and a black-banded connector for easy identification.

8-gauge, 2-pk Item #21102161
YOUR PRICE: $16.95/pack

4-gauge, 2-pk Item #21102171
YOUR PRICE: $16.95/pack

2-gauge, 2-pk Item #21102181
YOUR PRICE: $16.95/pack

Ultra-Flow Power Cables – For providing power to two or more amps through power distribution block (below). Ultra-fine strands of pure electrolytic grade copper in a chemical-resistant, ultra-flexible jacket.

8-gauge, 75 ampere rating
Red Item #211UF8500R
Black Item #211UF8500B
YOUR PRICE: $1/foot

4-gauge, 150 ampere rating
Red Item #211UF4250R
Black Item #211UF4250B
YOUR PRICE: $2.50 /foot

2-gauge, 200 ampere rating
Red Item #211UF2125R
Black Item #211UF2125B
YOUR PRICE: $5/foot

DCD Power Distribution Block

Connects one Ultra-Flow 4- or 2-gauge power cable to as many as four Ultra-Flow 8 gauge cables. (See photo above.) Solid brass construction. Dim: 2¼"W x 1⅛"H x 2⅝"L.

4-gauge *Red graphics* Item #21105021
Black graphics Item #21105024
YOUR PRICE: $29.95

2-gauge *Red graphics* Item #21105041
Black graphics Item #21105044
YOUR PRICE: $29.95

Gold TM Terminator – Secures to battery post. Made of solid brass with 24-karat gold-plating, with two 8-gauge auxiliary taps. Attaching to wiring requires DCD crimp-on or crimpless connector (at left).

Item #21101041 ***YOUR PRICE: $39.95/pr.***
Item #21101044 single positive ***$19.95/ea.***

Dual-output Top-mount terminator. Accommodates two crimp-on or crimpless connectors, but has only one 8-gauge tap.
Item #21101051 ***YOUR PRICE: $49.95/pr.***

Waterproof Fuse Holders

In-line fuse holder/protector for use with all Ultra-Flow power cables. 8- and 4-gauge models accommodate 10 to 60 amp Amprotect fuses. The 2-gauge version holds the 80 to 200 Hi-Amp fuses. Clear housing for easy fuse inspection.

8-gauge Item #21104121
4-gauge Item #21104131
YOUR PRICE: $19.95 each

2-gauge (80-200 amp fuses)
Item #21104151 ***YOUR PRICE: $29.95 each***

In-Line Multiple Fuse Block – For use with 8-gauge Ultra-Flow power cables. Holds any combination of 10 to 60 amp fuses. No termination needed for connection to block. Clear housing for easy fuse inspection. Dimensions: 3⅛"W x 15⁄16"H x 6 1⁄16"L.

2-fuse block Item #21104041
YOUR PRICE: $34.95

3-fuse block Item #21104051
YOUR PRICE: $39.95

4-fuse block Item #21104061 (see top photo)
YOUR PRICE: $44.95

Combination Distribution/Fuse Block

Eliminates the need for a separate power distribution block by accepting a single, terminated 4- or 2-gauge power cable and splitting it into as many as four 8-gauge outputs (no termination needed) with in-line 10 to 60 amp fuses. Clear housing for easy fuse inspection.

4-output Item #21104101 ***$69.95*** (pictured)
3-output Item #21104098 ***$64.95***
2-output Item #21104095 ***$59.95***

Right-Angle RCA Connectors

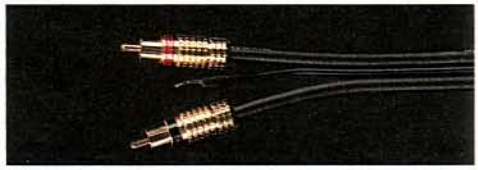
Solid brass with 24-karat gold-plating. Color-coded (black band/ red band).

Short, ¼" on each side of bend Item #21117121
Long, ¾" on each side of bend Item #21117101
YOUR PRICE: $12/pr.

Amprotect Heavy-Duty Fuses

10-amp Item #21104221
15-amp Item #21104231
20-amp Item #21104241
30-amp Item #21104261
35-amp Item #21104271
40-amp Item #21104281
50-amp Item #21104291
60-amp Item #21104301
YOUR PRICE: $6/4-pack

80-amp Hi-Amp Item #21104371
100-amp Hi-Amp Item #21104381
200-amp Hi-Amp Item #21104411
YOUR PRICE: $13 each

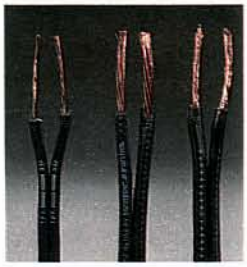


Musica Interconnect Cables

A truly first-rate car audio interconnect has to do more than maximize signal transfer between components. It must also be extremely rugged to handle the sharp bends, vibration and potential corrosion of car stereo installations. Musica cables achieve this by combining intelligent engineering with the finest materials: flexible, multiple-strand pure electrolytic-grade copper center conductor, silver-soldered center pin, 24-karat gold-plated connectors. You don't want your cables coming loose in some hard-to-get-at location, so Musica's connectors use a tapered collar and patented center pin design for an extra-snug fit. Includes center wire for use as a turn-on lead.

1-foot Item #21115856 ***$17.95/pr.***
2-foot Item #21115866 ***$18.95/pr.***
3-foot Item #21115871 ***$19.95/pr.***
6-foot Item #21115881 ***$24.95/pr.***
10-foot Item #21115891 ***$29.95/pr.***
12-foot Item #21115896 ***$34.95/pr.***
16-foot Item #21115901 ***$39.95/pr.***
20-foot Item #21115906 ***$44.95/pr.***
25-foot Item #21115991 ***$49.95/pr.***

StreetWires Speaker Wire



Multi-stranded pure electrolytic-grade copper wire for maximum signal transfer. A low-profile design and an ultra-flexible, non-gripping jacket for easy installation.

16-gauge
Item #21116I1000
YOUR PRICE: 20¢/ft

14-gauge Item #21114I1000
YOUR PRICE: 40¢/ft

12-gauge Item #211SC1000
YOUR PRICE: 60¢/ft

Interlink 101 Patch Cords

by Monster Cable

These heavily-shielded interconnects put quality cables within reach of any budget. Each pair includes an extra wire you can use as an amp turn-on lead (or just tape off and ignore).

Item #119I101HM
½-meter pair **$12.95**

Item #119I1011M *1-meter pair* **$14.95**
Item #119I1012M *2-meter pair* **$17.95**
Item #119I1013M *3-meter pair* **$19.95**
Item #119I1015M *5-meter pair* **$29.95**

Monster Cable XP

Don't short-change the crucial connection between your amplifier and speakers. High purity copper and Monster's special winding construction let the music flow. Flat, twin-lead design makes installation easy.

Item #119XPMS20 *20-foot spool* **$11.95**
Item #119XPMS30 *30-foot spool* **$16.95**
Item #119XPMS50 *50-foot spool* **$24.95**
Item #119XP500 *Bulk cable* **50¢/ft.**

Noise Suppressors

15 amp double wound noise filter
Item #003S15A **$12**
25 amp double wound noise filter
Item #003S25A **$18**
5 amp filter choke
Item #130AD990 **$10**
Alternator noise suppressor (60 amp or less)
Item #127ANS80 **$10**
Ignition coil filter for Fords
Item #130AD992 **$14**
Source noise filter for wipers, signals, etc.
Item #127SNF3 **$9**
RCA to RCA signal noise isolator
Item #127SNI1 **$14**
Deluxe antenna noise suppressor
Item #003AS100 **$10**
Amplifier turn-on/turn-off thump eliminator
Item #127MC100 **$49**
Extra MC100 module Item #127MCS **$34**
Radio-frequency interference noise shielding, 15" x 10" sheet
Item #127COF2 **$19**

Ford Premium Sound System Adapter

Connect low- or high-powered aftermarket receivers directly to Ford Premium Sound System amplifiers! A Crutchfield exclusive—call for details.

Item #205FTFORD1 **YOUR PRICE: $49.95**

Special Adapters

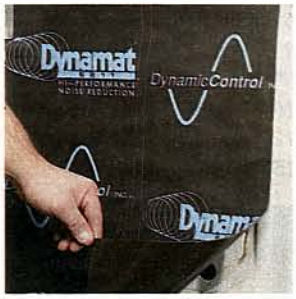
Adapt 4x10 openings for 6x9 speakers. For bottom-mounting speakers only.
Item #008101GMS **$14/pr.**
Adapt 5x7 / 6x8 openings for 6x9 speakers. For bottom-mounting speakers only.
Item #008202S **$14/pr.**
Common to floating ground adapter
Item #134AC15K **$5**
Gold double female RCA coupler
Item #217CAG250A **$4/pr.**
Gold double male RCA coupler
Item #217RAG265A **$4/pr.**
Monster Cable Y-Adapter: one-female-to-two-male, gold plated
Item #119ILJRY1F **$5**
RCA Y-Adapter: one-male-to-two-female
Item #10624230 **$3**
Side Mount Battery Post Extender
Item #217BPEX **$4**
1-foot RCA patch cable #07705110 **$1.79**
1½-foot RCA patch cable #07705111 **$1.99**
3-foot RCA patch cable #10624190 **$2.29**
6-foot RCA patch cable #10624200 **$2.99**
12-foot RCA patch cable #10624210 **$3.99**
25-foot RCA patch cable #10624220 **$6.99**

Flex Loom

Clean up all those loose, dangling wires in your car audio installation with Flex Loom. This flexible, protective black plastic tubing is precut to slip neatly over wires for a tidy look in just seconds. Measuring ½" in diameter, Flex Loom is packaged in a 25-foot length.

Item #044SLT255B Black
YOUR PRICE: $9/pk. (25 feet)

Dynamat 6211



For the best sound possible from your car's audio system, install Dynamat. Applied to accessible sheet metal, fiberglass, or plastic body parts, this ultra-thin sheet of vibration-absorbing material can reduce noise by 3 dB or more, effectively doubling your system's amplifier power! Primary attention should be given to panels adjacent to speakers, then the floor, firewall, doors, trunk and roof. The more area covered, the quieter the ride! Moisture-proof and self-adhesive, it installs easily with a heat gun or common hair dryer.

Item #1546211433 (32½" x 19½") **$19.95**
Item #154621113 (32½" x 58") **$54.95**
Item #154621139 (32½" x 172½") **$149.95**

PAC Bass Blockers

If you have 3½", 4" or 4"x6" speakers in your dash and 6x9" or 8" in the rear, install PAC's Bass Blockers on your dash speakers so they don't work overtime trying to reproduce bass notes they weren't designed for.

For blocking frequencies below:
150 Hz (8 ohm)/300 Hz (4 ohm)
Item #127BB1 **$4 ea.**
300 Hz (8 ohm)/600 Hz (4 ohm)
Item #127BB2 **$4 ea.**
400 Hz (8 ohm)/800 Hz (4 ohm)
Item #127BB3 **$4 ea.**
600 Hz (8 ohm)/1200 Hz (4 ohm)
Item #127BB4 **$4 ea.**
1400 Hz (8 ohm)/2800 Hz (4 ohm)
Item #127BB5 **$4 ea.**
2800 Hz (8 ohm)/5600 Hz (4 ohm)
Item #127BB6 **$4 ea.**

Speaker-Level-to-RCA Converter *by Scosche*

Hooking up an amplifier or equalizer/booster to an in-dash receiver that doesn't have preamp outputs? Scosche's LOC-E converts high output speaker-level signals to preamp-level with left and right channel RCA outputs! It accepts high or low power input, is compatible with both factory radios and aftermarket receivers, and includes individual gain adjustments for each channel. *Requires 12-volt power and a patch cord.*

Item #142LOCE **YOUR PRICE: $19.95**

PowerLink II Line Output Converter *by AudioLink*

Very few speaker-level-to-RCA converters can boast a frequency response that's 20-20,000 Hz (±0.5dB). PowerLink II can! It converts high-level signals from receivers rated up to 30 watts per channel into preamp-level signals that are virtually free of distortion (0.02% at 1 kHz, 1V RMS output into 10k). PowerLink II offers an input terminal strip with screw clamps for easy wire connection, separate level adjustments for each channel, gold-plated RCA connectors for clean signal output, and a fully-shielded aluminum housing for optimum noise rejection. *Requires patch cord.*

Item #101PL2 **YOUR PRICE: $29.95**

Do-it-Yourself Box Accessories

Port Tubes – Rolled front flange fits flush against outside of box. Molded grips for secure fit. ABS plastic trims easily to custom length.
4" diameter x 5"L. Item #0734R8X5 **$3 ea.**
3" diameter x 5"L. Item #0733R8X5 **$3 ea.**
2" diameter x 4"L. Item #0732R8X4 **$3 ea.**
2" diameter x 2½"L. Item #07741342 **$2 ea.**

Quick Disconnect Speaker Terminals – Set of color-coded spring-clips. Rear gasket included. ¾" diameter box cut-out.
Round, 2 5/16" dia.
Item #073700AG **YOUR PRICE: $2 ea.**
Square, 2¼"
Item #073900G **YOUR PRICE: $2 ea.**

Deluxe Gold Terminals – Compression terminals. Gold-plated pass-through binding posts. Color-coded ABS knobs. 3⅝"W x 3"H, box cut-out.
Item #0732531034 **YOUR PRICE: $4 ea.**

Deluxe Springback Handle – Steel plate and inset handle with padded grip. Tested to 135 lbs. 6⅛"W x 4"H, 4⅞"W x 2⅞"H cut-out.
Item #21350249QQ **YOUR PRICE: $6 ea.**

Rubber Handle – Flexible rubber strip with black-finished steel fittings. 10"L overall.
Item #056SH01 **YOUR PRICE: $4 ea.**

Inset Handle – Molded black plastic pocket handle. 5 5/16"W x 3¼"H, 4"W x 2¼"H box cut-out, 3" recess.
Item #056H1006 **YOUR PRICE: $2**

Corner Protectors – Deluxe, high-impact plastic. Set of 8 with screws.
Item #1251536 **YOUR PRICE: $7**

Rubber Feet – Non-skid, low profile. Set of 4 with screws.
Item #125F1632 **YOUR PRICE: $3**

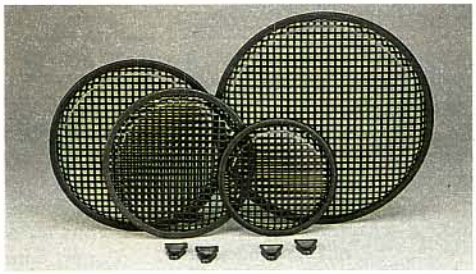
Poly-Fill Stuffing – 1 lb. pack fills 2 cu. ft.
Item #027808 **YOUR PRICE: $8**

Speaker Box Carpet

Protect your box with this automotive-grade carpeting. A polypropylene and polyester/-nylon blend that's easy to fold and cut, easy to clean, and won't unravel. Black or medium gray. Prepackaged roll: 54" x 3 yds.
Item #186BLACK **YOUR PRICE: $19.95**
em #186MEDGRAY **YOUR PRICE: $19.95**

Speaker Book

Required reading for building home speaker boxes. Explains the theories behind enclosure types, and touches on the physics, math and acoustics that apply to speaker design.
Item #2233274 **15.95**

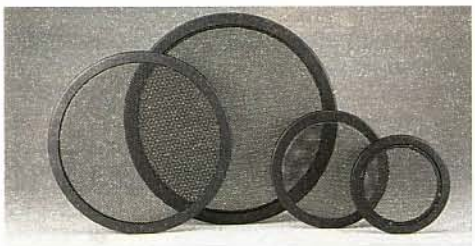


Clamp-Mount Grilles

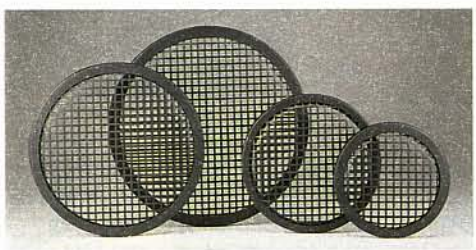
"Tuf-look" plastic clamps hold these metal waffle-style grilles in place better than most snap-on grilles. No mounting collar is needed, so they also present a lower profile. Grilles work for both front and rear mount applications, but please note that the required clamps are different.
8" Item #010G8 **$6 ea.**
10" Item #010G10 **$8 ea.**
12" Item #010G12 **$10 ea.**
15" Item #010G15 **$12 ea.**
Clamps for front/top mount (4-pack)
Item #010CLF **$2 pack**
Clamps for rear/bottom mount (4-pack)
Item #010CLR **$2 pack**

Snap-On Grilles

Come complete with mounting ring. Your choice of fine mesh for an upscale look or waffle style for a rugged finish.



Mesh Style
4½" Item #132MGR4045 **$5 ea.**
5¼" Item #132MGR525 **$6 ea.**
6½" Item #132MGR6050 **$8 ea.**
8" Item #132MGR80 **$8 ea.**
6" x 9" Item #132MGR69 **$8 ea.**
10" Item #132MGR10 **$9 ea.**
12" Item #132MGR12 **$14 ea.**
15" Item #132MGR15 **$25 ea.**



Waffle Style
6½" Item #132AG6 **$8 ea.**
8" Item #132AG8 **$10 ea.**
10" Item #132AG10 **$12 ea.**
12" Item #132AG12 **$14 ea.**
15" Item #132AG15 **$25 ea.**

Protect Your Speakers

Waterproof baffles from XTC fit around speakers to keep drivers and terminals clean and dry. They compress easily to fit installation area. Use slim-line version for speaker depth of 2" or less.
4" speakers Item #237XT40 **$6/pr.**
4" slim-line Item #237XT42 **$6/pr.**
4" x 6" speakers Item #237XT46 **$7/pr.**
4" x 10" speakers Item #237XT41 **$8/pr.**
5¼" speakers Item #237XT55 **$6/pr.**
5¼" slim-line Item #237XT52 **$6/pr.**
5" x 7" speakers Item #237XT57 **$8/pr.**
6½" speakers Item #237XT60 **$8/pr.**
6½" slim-line Item #237XT62 **$8/pr.**
6" x 9" speakers Item #237XT69 **$8/pr.**
6" x 9" slim-line Item #237XT92 **$8/pr.**
8" speakers Item #237XT80 **$9/pr.**
10" speakers Item #237XT10 **$9/pr.**
12" speakers Item #237XT12 **$12/pr.**

Antenna Boosters

Antenna Specialists' ASC-100DX boosts FM signals up to 15dB for cleaner reception. Installation is easy: just plug it in between the antenna lead and the radio and connect one power lead. Switchable on/off.
Item #170ASC100X **YOUR PRICE: $29.95**
American International's antenna booster amplifies both FM *and* AM signals.
Item #003AB150CL **YOUR PRICE: $14.95**

Motorized Antennas

Antenna World S-90
AM/FM fully automatic stainless steel 31" mast, 60" cable, 11" under fender, self-contained relay, ⅞" or 1" mounting hole 30° swivel head.
Item #097S90 **$49.95**
Black mast Item #097S90B **$54.95**
Extension cable for rear mount
Item #100AUKAB42 **$11.95**

Harada Antennas

Pictured are three of the 119 original equipment type antennas we stock for most cars.
For Honda Item #095PM98H **$12.95**
For Toyota Item #095FM23T **$9.95**
For GM/Volkswagen Item #095FMB93G **$12.95**
Other motorized and manual antennas available. Please call for information.

Portable CD Cases

From Case Logic–two ways to keep your portable CD player and accessories organized when on the go. Both the DM-1 and the DM-2 have a player compartment with zippered access from the top to get at controls, *and* from the bottom to connect power and line-out jacks without removing the player. The storage pocket can hold 4 CD jewel boxes, a 12-disc wallet (see below), battery pack or headphones. *The larger **DM-2** adds a second, smaller pocket for cords, adapters, etc. Both models are made of water-resistant nylon with thick foam padding.*

Item #227DM1 **$19** (pictured)
Item #227DM2 **$24**

CD Wallets *by Case Logic*

The most space-efficient way to carry CDs in your car. Durable nylon wallet with foam padding for maximum protection holds up to 100 CDs without jewel boxes. Zippered enclosure keeps CDs dust free. Plastic pockets for easy disc selection.

12-disc Item #227CDW12 **$12**
24-disc Item #227CDW24 **$19**
48-disc Item #227CDW48 **$29**
100-disc Item #227CDW100 **$39**

Cassette and CD Bags

Organize and protect your music away from home with these handsome, durable nylon bags from Case Logic. A plastic interior tray and foam padding maximize protection. Each cassette and CD bag is available in 4 colors: red, blue, black, or gray. *Note: 60-CD bag not available in red.* To indicate color choice, replace question marks in item number with the appropriate 2-letter code: Red-**RD**, Blue-**BL**, Black-**BK**, Gray-**GR**. Example: the 30-CD bag in red would be Item #227CD30RD.

15-cassette bag Item #227CL15?? **$9**
30-cassette bag Item #227CP30?? **$16**
60-cassette bag Item #227CL60?? **$19**
15-CD bag Item #227CD15?? **$14**
30-CD bag Item #227CD30?? **$19**
60-CD bag Item #227CD60?? **$29**

FlipDisc *by Laserline*

At $15 a pop, a dozen CDs costs $180! FlipDisc CD cases will protect that investment against the heat and scratches that can send you back to the music store for replacements. It's as good a protector as the CD's original jewel box. Each CD is held in place by a rigid piece of molded plastic very much like the tray of a standard jewel box. The outside of the FlipDisc case is a hard plastic shell coated with soft-touch foam to fend off bumps and blows from travel and to keep disc-warping heat out. The case is held shut with a latch that's easy to open but won't come undone accidentally. Finally, a way to change discs with just one hand!

12-disc Item #147FD12 **$9.95**
24-disc Item #147FD24 **$17.95** (pictured)
40-disc Item #147FD40 **$19.95**

CD Portable Holder

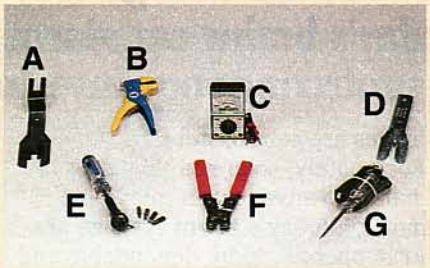
If you can't find a convenient spot in your car to mount a portable CD player, or if your player mistracks frequently, we have the solution. This ingenious device from Scosche combines a tilt/swivel universal mount and a NAV-COM vibration-dampening platform. The supplied Velcro fasteners let you attach any CD portable. Now you can put your player almost anywhere while isolating it from skip-inducing vibrations. Platform is 5⅛" square.

Item #142PDS1 **YOUR PRICE: $24.95**

autoVAULT

Here's what to do with your pull-out radio once you've pulled it out. The autoVAULT storage system combines glove box convenience with strongbox security. Constructed of tough 12 gauge steel, it's the perfect place to safely store your radio (or wallet, watch and jewelry at the beach or ball field). The snug-fitting door is secured by a heavy-duty cam lock, while a foam-rubber liner inside cushions your valuables. Requires some bolting or screwing to permanently attach under seat or in trunk (hardware included). Dim: 9¼"W x 3½"H x 9¼"D. Warranty: 2 years.

Item #025VAULT **YOUR PRICE: $49.95**



Installation Tools

A. Retaining Clip Remover – Quickly and easily removes the clip holding window cranks and door handles. One end fits GM, Ford and AMC. The other end is sized for Chrysler and some later AMC models.
Item #18187615 **YOUR PRICE: $3.95**

B. Wire Stripper – Cuts and strips in a single motion. Automatically adjusts to solid or stranded wire (sizes 12 to 22 gauge). Not designed to strip teflon or similar insulation.
Item #18119000 **YOUR PRICE: $12.95**

C. Multitester – Rugged, accurate and easy to use. Measures DC and AC voltages, DC current and resistance (ohms). Tests small batteries (1.5 or 9V). Pocket size. Ideal for shop and home use. Free Guide: #000MULTI.
Item #084AM14 **YOUR PRICE: $15.95**

D. Trim Panel Remover – Removes plastic fasteners that hold on trim panels without damaging the fasteners or panels. Works equally well on metal trim fasteners.
Item #18187650 **YOUR PRICE: $8.95**

E. Skewdriver® – Breeze right through under-dash and behind-dash screws. The Skewdriver has a low-profile head and gear drive for working in tight spaces and offset bit placement to compensate for odd angles. Comes with #1 and #2 Phillips, 5/16" and ¼" slotted, and 4 Torx bits that store in the handle.
Item #1802080T **YOUR PRICE: $14.95**

F. Crimping Tool – Spring-loaded crimper with insulated grips crimps connectors up to 10 gauge with a strong, positive action. Also cuts and strips wire up to 14 gauge.
Item #056HT202B **YOUR PRICE: $10.95**

G. Heavy-Duty Circuit Tester – For checking 6- and 12-volt systems. Features heavy-duty ground clip and insulator, and 5' of insulated lead with strain-relief support at handle.
Item #18127000 **YOUR PRICE: $9.95**

LED Alarm Indicator

Given the choice between a protected and unprotected vehicle, a thief will normally choose the unprotected one. Increasingly, a flashing LED on the dash is used to signal the presence of an alarm system. Even if you can't afford a complete alarm, you can use this LED as a decoy. The instructions show you how to quickly connect the wiring (no soldering required), with suggestions on where to mount the LED. Its super-bright red light comes on whenever your car is turned off, even visible in direct sunlight.

Item #129FLASHER **YOUR PRICE: $19.95**

Security

Today's brainy car alarms do a better job of protecting your investment

Thieves are getting smarter. Fortunately, so are car alarms.

Thanks to advances in microchip technology, today's alarm systems are easier to operate, more dependable and harder to defeat.

If a thief sees a blinking LED in your dash, it tells him you've got an up-to-date alarm system. Chances are he'll look for an easier target.

All of the alarms we sell include an electronic "brain" module that receives its operating instructions from you and activates a siren when any of its various sensors detect a violation.

Modern shock sensors, unlike old-fashioned mechanical motion sensors, detect up/down motion and side-to-side jolts. Greater security is available by wiring into the vehicle's existing pin switches (or adding your own).

A sensor for all situations

We offer a variety of add-on options to enhance protection. A 2-stage shock sensor includes a high-sensitivity setting which reacts with a short warning blast of the siren, and a less-sensitive second setting which responds like a standard shock sensor and trips the alarm. An interior microwave motion sensor triggers when any object enters the protected airspace.

Crimestopper's CS-9204 II, CS-9206 II, and CS-9206CR3 offer an optional Carjack feature. Two minutes after Carjack is triggered (and the thief is a safe distance away), your siren screams and the parking lights flash. Eight seconds later, the starter disable circuit engages. If the thief stops to disarm the alarm, the vehicle will not restart.

More than just an alarm

Today's security systems also allow conveniences such as remote-controlled locking and unlocking of doors or remote activation of a trunk release.

Alarm Features

Door Lock Relays

Allow you to control your car's power door locks. Relays are required for most vehicles. Some alarms include them. Alarms with relays built into the alarm brain are the easiest to wire and install.

Parking Light Output

The parking lights will flash when the alarm is triggered. Some alarms require wiring a relay in line for this feature, while others have the relay built in for easier installation.

Dome Light Output

Turns on the dome light after disarming the alarm. The dome light will usually remain on for 30 seconds. (Relay usually required.)

Remote Controlled Outputs

These allow you to remotely activate a power trunk release, or connect a remote-start module. Relay is required if not built in.

Programmable Multi-tone Siren

Can be "personalized" to give your alarm its own unique sound.

Auto Zone Bypass

After the alarm has been tripped and the siren completes its cycle, the alarm will ignore the violated sensor and re-arm itself.

Some alarms are fairly easy to install. Others require advanced skills. The Consumer Tip on page 72 will help you decide if you're up to the task.

System	Difficulty of Installation	Carjacker Feature	Shock Sensor	Glass Break Sensor	Starter Disable	Door Lock Relays	Ignition Door Lock	Parking Light Output	Dome Light Output	Programmable Multi-Tone Siren	Remote Controlled Outputs	Auto Zone Bypass	Back-up Battery	2-Car Operation
Crimestopper CS-8801SE	Novice		✔	optional CS-103	yes, relay included	optional E-5000 (2)	–	yes (+10A)	–	✔	no	✔	optional CS-412	✔
Crimestopper CS-9204 II	Hobbyist	✔	✔	optional CS-103	optional E-5000	optional E-5000 (2)	✔	yes (+10A)	optional E-5000	✔	optional E-5000	✔	optional CS-412	✔
Crimestopper CS-9206 II	Expert	✔	✔	optional CS-103	yes, relay built-in	built-in	✔	yes (+10A)	yes, relay required	✔	yes (1)	✔	optional CS-412	✔
Crimestopper CS-9206CR3	Expert	✔	2-stage	optional CS-103	yes, relay built-in	built-in	✔	yes (+10A)	yes, relay required	✔	yes (1)	✔	optional CS-412	✔
Prestige APS-100S	Novice		✔	optional CS-103	optional E-5000	optional AS-9159	–	optional E-5100	–		optional E-5000	✔	optional CS-412	✔
Prestige APS-200S	Hobbyist		✔	optional CS-103	yes, relay included	optional AS-9159	–	yes (+10A)	optional E-5000		optional E-5000	✔	optional CS-412	✔
Prestige APS-300S	Expert		✔	optional CS-103	yes, relay included	built-in	✔	yes (+10A)	✔		1 included 1 optional	✔	optional CS-412	✔

Alarm Accessories

Prestige

Electronic Shock Sensor Item #220AS9099 **$19.95**

Power Door Lock Interface Item #220AS9159 **$29.95**

Crimestopper

2-Stage Shock Sensor—accessory to any alarm with a starter disable output, it reacts to lighter taps with a few short warning blasts from the siren. Bigger hits activate a full alarm condition. Item #041CS962R **$29.95**

Microwave Interior Movement Sensor Item #041CS95 **$59.95**

130 dB Piezo Siren Item #041CS208 **$39.95**

Audio Guard Sound Sensor (glass-break detector) Item #041CS103 **$29.95**

Auto Body Guard II Vibration Sensor Item #041CS104 **$19.95**

Adjustable Shock Sensor Item #041CS961 **$19.95**

Interior Pain Generator Item #041CS193 **$19.95**

Mini Piezo Siren Item #041CS192 **$15**

SPDT Relay Item #120E5000 **$9**

Door Pin Switch Item #041CS115 **$2**

Hood/Trunk Pin Switch Item #041CS116 **$2**

Extra remote transmitter for CS-8801SE Item #041CS222SE **$29.95**

Extra remote transmitter for CS-8703C/CS-8716/CS-8717/CS-9218 Item #041MX4491 **$49.95**

Extra remote transmitter for CS-9206 Item #041CS222D **$29.95**

Replacement batteries for CS-222 & MX-44 Item #041CS221 **$3** (4 req'd)

Replacement battery for CS-222A, MX-4491, CS-222B, CS-222D & CS-222E Item #041CS221A **$1.50**

Above items may require additional trigger inputs on alarm.

Crimestopper CS-8801SE

For comprehensive protection at a very affordable price, the CS-8801SE provides door, hood, and trunk protection, shock detection, *and* a theft-stopping starter disable circuit. Choose either passive arming, which sets the alarm after the last door is closed, or active arming with the supplied keychain remote controls. With remote disarming, you'll never have to rush to beat a pre-programmed entrance delay. A flashing LED and audible chirp keep you informed of operational status. When triggered, a 125 dB programmable multi-tone siren sounds for up to 2 minutes, then the system automatically resets and re-arms your vehicle. The two keychain remotes include panic function, so you'll enjoy greater peace of mind knowing that you can remotely activate the siren. Lifetime warranty.

Includes: (2) two-button keychain remotes, receiver, programmable multi-tone siren, shock detector, starter disable circuit, LED status indicator.

Item #0418801SE List Price: $150

YOUR PRICE: $99.95

Crimestopper CS-9204 II • CS-9206 II

The CS-9204 II offers impressive protection for just $129.95. You get both passive arming when the last door is closed, and, with the keychain remotes, active arming and disarming. It confirms arm/disarm/intrusion alarm status with an LED and audible chirp. Features include Crimestopper's latest Carjack feature, an electromagnetic shock sensor, multi-trigger zone protection, programmable multi-tone siren, remote dome light illumination (requires relay #120E5000), and a flashing lights circuit for added visual alert. If an intrusion occurs, the CS-9204 II sounds, then re-arms, while bypassing the open entry point after 3 consecutive alarm cycles. Remote controls can operate a second car's Crimestopper 9200 series alarm. Optional relays are available for sentry lighting (keeps dome light and parking lights on for 30 seconds after you leave the car), starter disabling and to automatically lock and unlock doors. Lifetime warranty.

Includes: Code-learning Receiver, (2) 3-channel keychain remotes, Carjack feature, electromagnetic shock sensor, LED status indicator, starter disable circuit (requires relay #120E5000), auto door lock circuit (requires 2 relays #120E5000), 30-second sentry lighting (requires relay #120E5100) flashing lights circuit, programmable multi-tone siren.

Item #04192042 List Price: $200

YOUR PRICE: $129.95

*For just $20 more, the **CS-9206 II** adds lights-on warning, key-in-ignition warning, and on-board relays for starter disabling, remote door locking and unlocking and trunk release.*

Includes: Code-learning Receiver, (2) 3-channel keychain remotes, Carjack feature, electromagnetic shock sensor, starter disable circuit, auto door lock circuit, flashing lights circuit, programmable multi-tone siren.

Item #04192062 List Price: $250

YOUR PRICE: $149.95

Crimestopper CS-9206CR3

Crimestopper's top-of-the-line CS-9206CR3 offers their selectable Carjack feature and is equipped with a 2-stage shock sensor. Stage one responds to light tapping on the vehicle. Much like a pre-warning beeper, the alarm's siren will "chirp" to let an intruder or anyone who touches your car know that it is armed. Stage one sensitivity can be adjusted to your preferred level. The shock sensor's second stage reacts to bigger hits, fully-activating the alarm.

A microwave interior motion sensor trips with movement such as a hand through your vehicle's window (convertible owners especially like this feature).

Other security features include a programmable multi-tone siren (so you can distinguish your alarm from others in the vicinity), lights-on warning, key-in-ignition warning, and on-board relays for starter disabling, remote door lock/unlock circuitry, and remote trunk release.

The CS-9206CR3 also includes multi-trigger zone protection, which lets the alarm bypass an entry point that has already been violated and reset itself to keep the other zones protected.

If your alarm is triggered, a 125 dB siren sounds and your car's parking lights flash. An LED indicator and arm/disarm/intrusion chirp confirmation keep you informed of alarm status.

You can select passive arming when the last door is closed, or active arming and disarming with the two keychain remotes.

In case of emergency, you can activate the alarm with the remote's "panic" function. Lifetime warranty.

Includes: Code-learning Receiver, (2) 3-channel keychain remotes, Carjack feature, 2-stage electromagnetic shock sensor, interior motion sensor, LED status indicator, starter disable circuit, auto door lock circuit, flashing lights circuit, programmable multi-tone siren.

Item #0419206CR3 List Price: $330

YOUR PRICE: $199.95

Prestige APS-100 • APS-200 • APS-300

Prestige's affordable car alarms definitely don't compromise standards at the expense of your security. Case in point: the APS-100, what Prestige calls their "basic" alarm. It offers passive (last door closed) arming or active arming from either of the two supplied keychain remotes. In addition to the APS-100's shock sensing, you can protect your doors, hood and trunk by connecting to existing pin switches for full vehicle coverage. When armed, a dash-mounted 6-function LED flashes, eliminating the guesswork for you (and encouraging a thief to move on). The two remote controls also include a panic function, so you can instantly sound the siren in emergency situations. And with the 3-channel transmitter, you can operate a second car's Prestige APS alarm, or other remote options. Prestige alarm accessories are listed on page 70.

APS-200

APS-100 Includes: Receiver, shock sensor, 6-function LED status indicator, pin switches, 2 remotes, siren. Lifetime warranty.

Item #220APS100S ***YOUR PRICE: $99.95***

*The **APS-200** delivers added protection with an included theft-deterring starter-disable circuit. This device interrupts the current flow to your vehicle's starter, so it will not start when the alarm is armed. And if your vehicle has power door locks, the APS-200 will automatically lock your doors when arming (requires relay #220AS9159). A built-in parking light flasher adds visual alert when your alarm is triggered.*

APS-200 Includes: Receiver, shock sensor, 2 remotes, pin switches, starter disable, flashing lights circuit, auto door lock circuit, LED status indicator, siren. Lifetime warranty.

Item #220APS200S ***YOUR PRICE: $129.95***

*Prestige's **APS-300** offers their full car security package, adding remote dome light supervision for illuminating your vehicle's interior as you approach it, remote trunk release and automatic door lock/unlock through the ignition.*

APS-300 Includes: Receiver, shock sensor, 2 remotes, pin switches, starter disable, flashing lights circuit, auto lock/unlock through ignition, dome light relay, remote trunk release, 7-function LED status indicator, siren. Lifetime warranty.

Item #220APS300S ***YOUR PRICE: $149.95***

CONSUMER TIP

Alarm Installation: Not Necessarily for Novices

Seeing a car alarm system out of the box for the first time can be an intimidating experience. After all, that's a pretty big bunch of wires attached to that electronic "brain" module.

Each wire is a pathway of communication for signals to and from the brain. The alarm either sends out a signal and listens for an answer, or it ties into an existing wire and listens for a change in the signal that's already there. So the more features an alarm offers, the more wires there are to be connected.

We're often asked: "How hard is it going to be to install my alarm system?"

Well, it depends.

How many and what kind of optional sensors do you care to attach? Will you tap into a lot of you car's switching circuits?

To address the issue, we've rated the installation difficulty of our alarms in the chart on page 70.

An alarm rated for a **novice** should present few problems to anyone who has successfully installed a car stereo.

An alarm rated for a **hobbyist** requires some knowledge of electronic circuits and more skill with the tools.

An alarm rated for an **expert** should only be installed by someone who is extremely handy and well-versed in automotive electronics.

You'll need pliers, screwdrivers, a drill, wire cutters/strippers, a soldering iron or crimpers, electrical tape or heat shrink tubing to protect splices, and wire ties.

Use a multimeter (see page 69) to test wire functions. A test light can draw too much current and harm delicate computers in your car's electrical system.

Read the installation manual and our free 22-page guidebook *The Car Security Specialist* before you begin. If you run into a problem, call one of our experts toll-free.

Crimestopper CS-8002
Starter Kill System

If your car won't start, the thief can't take it. That's the idea behind the CS-8002 digital starter-kill system. It's perfect for someone who wants to prevent car theft, but doesn't want an alarm. It arms automatically when the ignition is turned off. Fifteen seconds after you turn the ignition off, the kill system kicks in and the vehicle won't start until a 4-digit code is entered into the keypad. To start the car, turn on the ignition and enter your code. A valet circuit temporarily disengages the system so you can leave the car with a parking attendant, a mechanic or anyone else you'd rather not share your code with. Warranty: 1 year.

Item #041CS8002 ***YOUR PRICE: $59.95***

Crimestopper CP-4903
Add-on Pager

Crimestopper's CP-4903 lets you add paging capability to any alarm with a 12-volt positive or negative siren output. Easy to install, the system transmitter mounts inside your vehicle and hooks up between your existing alarm and car antenna. When your alarm is triggered, a specially-coded (user-selectable) security signal is sent to a lightweight receiver you keep with you. You'll be alerted to check out the situation and call the police. An optional adhesive strip antenna mounts to the inside of your window, so a thief can't limit signal transmission if he tampers with your external antenna. Warranty: 1 year.

Optional Strip Antenna
Item #041CS218SA ***$9.95***

Item #041CP4903 ***YOUR PRICE: $99.95***

FEDERAL EXPRESS

Fast delivery available

X-10 Home Automation

Have your coffee-maker begin brewing just as you're waking up. Start your air-conditioner an hour before you get home, instead of letting it run all day. Turn house lights on or dim them from your bed or your car. Spook burglars by having lights and appliances turn on and off randomly throughout the house while you're away.

All this—and more—is what the expandable X-10 system gives you.

Installation is a breeze. Just plug one of the Controller units into any AC outlet, plug a remote module into the outlet you want to control, and plug in an appliance or lamp. You can replace an existing wall switch with an X-10 version and get remote control of ceiling lights and outdoor lights. All X-10 products are U.L. listed and come with a one-year warranty.

Maxi Controller

Manual control of up to 16 lights and/or appliances. Dim or brighten lights by holding down a button.

Item #009SC503
YOUR PRICE: $19.95

Automatic Controller/Timer

A digital alarm clock with automatic on/off control for four X-10 modules. Select same on/off times each day, a single event, or variable on/off times each day. Also manually controls 8 modules.

Item #009MT522 ***YOUR PRICE: $24.95***

Remote Chime

When used with Dual Floodlight Motion Detector, provides an audible alert inside your home when lights are triggered. Also used as a pager with an X-10 controller.

Item #009SC546 ***YOUR PRICE: $19.95***

Wireless Remote Controller

Operate house lights from your driveway. Includes remote control and receiver.

Item #009RC5000
YOUR PRICE: $39.95

Additional Remote
Item #009RT504
YOUR PRICE: $19.95

Keychain Remote

Controls two modules from up to 100' away. Transmitter and one module included.

Item #009RC6500
YOUR PRICE: $29.95
(2nd module optional)

Home Computer Interface

Program up to 128 timed events with up to 256 remote modules. Once programmed, it can be disconnected from your computer so it won't tie up memory or a port. RS-232 interface required. Software included.

For IBM compatibles Item #009CP290P
YOUR PRICE: $59.95

For Macintosh Item #009CP290M
YOUR PRICE: $59.95

Dual Floodlight w/Motion Detector

Comes with a control panel for operating up to four X-10 lamp or appliance modules when motion is detected, and turning 4 lamp modules on at dusk and off at dawn. Select 24-hour or night-only sensing. Can replace existing floodlight fixture or mount in a new location. Sensor adjusts to accommodate pets and other small animals. Also controllable from an X-10 Controller. *Bulbs not incl.*

Item #009PR511 ***YOUR PRICE: $49.95***

Modules for X-10 Controllers

Lamp Module

Rated for incandescent lights up to 300 watts. *Remote controller required.*

Item #009LM465
YOUR PRICE: $12.95

2-pin Appliance Module

Controls TVs, coffee-makers, stereos or any appliance having a standard 2-prong plug. Rated for up to 15 amps, ⅓ horsepower for motors, 500 watts for lamps.

Item #009AM486 ***YOUR PRICE: $12.95***

3-pin Appliance Module

Same as above, but for 3-prong appliances.

Item #009AM466 ***YOUR PRICE: $13.95***

Wall Switch Module

2-wire hookup for on/off and dimming wall switched incandescent lights up to 500 watts.

Item #009WS467 ***YOUR PRICE: $12.95***

3-way Wall Switch Module

For lights operated by two switches. Includes replacement modules for both switches.

Item #009WS4777 ***YOUR PRICE: $16.95***

Split Receptacle Module

Replaces existing receptacle with a 2-outlet X-10 module. Top outlet is controlled, bottom outlet is not. Accepts 2- or 3-prong plug from any device up to 15 amps.

Item #009SR227 ***YOUR PRICE: $16.95***

Remote Controlled Dimmer Module

Just screw the SL575 Remote Controlled Dimmer Module into any light socket and a standard bulb into the SL575. It responds to signals from an X-10 timer or remote control (not included). You can also set the light to go on and off at preset times, and even turn the light on automatically at dusk! *Bulb not included.*

Item #009SL575 ***YOUR PRICE: $24.95***

X-10 DS-7000
Home Security System

The heart of the DS-7000 system is its Control Console with autodialer and built-in siren.

When any of the system's door/window or motion detector sensors are tripped, the Console emits a piercing 95 dB alarm and dials up to 4 phone numbers, delivering a 15-second message (in your voice) to friends or neighbors who can then also "listen in" to your home over the phone.

When the alarm is tripped, a lamp hooked to the included module flashes on and off. (You can buy additional modules to control more lamps or ceiling and outdoor fixtures.)

Two remote control units are included (one master remote and one keychain remote). They let you arm/disarm the system, turn lights on/off. The master remote includes a "panic" function, which triggers the autodialer.

Like all X-10 products, the DS-7000 is simple to set up. And it's compatible with the X-10 products above.

DS-7000 System

Includes control console, two door/window sensors with transmitters, infrared motion detector, lamp control module, remote control, keychain remote control.

Item #009DS7000
List Price: $250 ***YOUR PRICE: $199.95***

Additional Sensors & Controls

Item #009DW534 Door/window sensor with transmitter ***$19.95***
Item #009SP554A Infrared Motion Detector ***$49.95***
Item #009KF574 Keychain Remote ***$19.95***
Item #009SR731 Signal repeater extends transmission range of DS-7000 signals in larger homes, outbuildings, etc. ***$49.95***

Shelf Systems

Even Small Spaces Deserve Great Sound

If each of us had the space (and cash flow) to put together any audio system we wanted, chances are many of us would have a dedicated listening room with equipment stacked from floor to ceiling, speakers so large we'd have to cut a new doorway to get them in, and enough amplifier power to rattle the shutters on our neighbors' homes...a fantasy that's far from practical!

With more and more people living in condos or small apartments, or setting up secondary hifi systems in bedrooms, offices, kitchens, or dorm rooms, full-size audio equipment can be too overwhelming for the space...or the budget!

Compact enough to fit on a bookshelf or tabletop

Affordable shelf systems don't take up much space, so you can place them almost anywhere. Though compact, they offer many of the performance features found on full-size component systems. They're easy to assemble. And they deliver sound that's pretty surprising for systems this small.

Full-size features...

Shelf systems generally include many of the components found in conventional systems: a receiver or integrated amp and AM/FM tuner, a single or dual cassette deck, a single or multi-play CD player, and speakers.

Some other popular audio trends currently found with "full-size" audio components recently have been introduced with shelf systems. For example, Yamaha's new CC-70W (p. 77) includes a 3-CD motorized carousel changer (much like full-size 5-disc carousel changers). And JVC's MX-C9S (p. 78) incorporates a 3-piece satellite/subwoofer speaker system that delivers stereo imaging and extended low bass response you just don't get from most shelf systems out there.

...And plenty of power

Although a few of our shelf systems offer pretty substantial amplifier sections (Sony's MHC-C90 on page 77 boasts 100 watts per channel), many show power ratings that can seem low in comparison to full-size systems. When deciding on the best shelf system for your needs, keep in mind that their amps and companion speakers are engineered for maximum efficiency, providing surprisingly rich hifi stereo sound.

Sound tailored to fit your tastes

If you like to shape your sound for matching room acoustics or your personal tastes, many shelf systems include adjustable equalizers or ambience presets. Some systems also offer preset acoustic settings that imitate environments such as the intimacy of a jazz club, the size and scale of a concert hall, or even the open spaces of a rock concert held in a stadium.

A great alternative to an ordinary clock radio

If you plan to use a shelf system in your bedroom, you'll appreciate the built-in timer. No more irritating alarm buzzers—you decide whether to wake to CD or radio. Shelf systems let you wake up in style—with your favorite music, at your pace. *(Sony's MHC-1750 has no timer.)*

What to Look For

Single or Multi-Play CD Player

Though compact, some shelf systems offer 3-disc motorized carousel changers, 5-disc "stocker style" changers, or even 6-disc changers with a separate drawer for quick and easy loading of a single CD!

Dolby Noise Reduction

If you like to record your favorite music onto cassette tapes for playback at home, in your car, or on your portable, most systems include Dolby B to reduce annoying tape hiss. A few also include Dolby C, a system that can improve Signal-to-Noise ratio by 10 dB over Dolby B.

Timer Functions

Systems with built-in clocks and program timers make sophisticated alternatives to an ordinary clock radio. You can even program some to turn on and off during the day (great for giving the appearance that someone is home) or to record your favorite radio shows.

Inputs

They give you the ability to add other components to your shelf system. *Please check the chart, each system is different.* Many allow you to add a cassette deck, video sound from your VCR, or with a few models, a turntable. Two that we offer even include mic mixing for adding your voice to custom tape recordings.

Special Features

This chart column indicates features that are different or distinct about a particular system. If you enjoy altering or contouring your sound, look for *EQ presets*. Some offer as few as 3, others as many as 50.

EQ recording indicates that personal copies of your music onto tape include your chosen equalization in the recording (great for customizing tapes for car or portable playback).

If you're looking for a shelf system with extended bass response, check out those with *biamplified speakers* or *3-piece satellite/subwoofer speaker systems*.

System Features	AM/FM Tuner		CD Player			Cassette Deck					General					
	Presets	Seek Tuning	Single/Multi-play	Program Tracks	Random Play	Single/Dual Well	Auto-Reverse Deck(s)	Record deck(s)	Dolby B, C	Music Search	Equalizer Bands	Timer Functions	Inputs	Headphone Output	Remote Control	Special Features
JVC MX-S2	40 random	✔	Single	32	✔	Dual	A, B	B	B	✔		program, sleep	aux	✔	✔	4 EQ presets
JVC MX-S4	40 random	✔	Single	32	✔	Dual	A, B	B	B	✔		program (3), sleep	phono, aux	✔	✔	50 EQ presets
JVC MX-C5	40 random	✔	6 + 1	32	✔	Dual	A, B	B	B	✔	7	program (3), sleep	phono, aux	✔	✔	50 EQ presets
JVC MX-C7	40 random	✔	6 + 1	32	✔	Dual	A, B	B	B, C	✔	7	program (3), sleep	phono, aux	✔	✔	Bi-amplified speakers
JVC MX-C9S	40 random	✔	6 + 1	32	✔	Dual	A, B	B	B, C	✔	7	program (3), sleep	phono, aux	✔	✔	Satellite/Subwoofer Sys.
Kenwood UD-351M	20 random	✔	6 + 1	32	✔	Dual	A, B	B	B, C	✔	7	program (2)	phono, aux	✔	✔	10 EQ presets
Sony MHC-510	20 FM/10 AM	✔	Single	24	✔	Dual		B	B		5	program, sleep	mic mix, aux	✔	✔	EQ slide controls
Sony MHC-610	20 FM/10 AM	✔	Single	24	✔	Dual	A, B	B	B	✔		program, sleep	mic mix, aux	✔	✔	5 EQ presets
Sony MHC-1750	20 FM/10 AM		5	32	✔	Dual		B	B				aux	✔	✔	motorized CD "elevator"
Sony MHC-2750	20 FM/10 AM		5	32	✔	Dual	A, B	B	B	✔	7	program, sleep	tape, aux	✔	✔	6 soundfield presets
Sony MHC-C90	20 FM/10 AM	✔	5	32	✔	Dual	A, B	B	B, C	✔	7	program, sleep	aux	✔	✔	Optical digital output
Yamaha CC-70W	40 random	✔	3	20	✔	Dual	A, B	B	B, C	✔		program, sleep	phono, aux	✔	✔	carousel CD changer

System Specs	Receiver			CD Player				Cassette Deck			Warranty	List Price	Your Price
	Continuous Output Power, Watts	Total Harmonic Distortion	FM Mono Sensitivity	Oversampling Rate	Signal-to-Noise	Dynamic Range	Total Harmonic Distortion	Frequency Response	Wow & Flutter	Best Signal-to-Noise			
JVC MX-S2	25 x 2	0.9%	10.8 dBf	4X	102 dB	90 dB	0.003%	30-16,000 Hz (CrO_2)	0.09%	57 dB	1 yr.	$500	$399.95
JVC MX-S4	27 x 2	0.9%	10.8 dBf	4X	102 dB	96 dB	0.003%	30-16,000 Hz (CrO_2)	0.09%	57 dB	1 yr.	$650	$499.95
JVC MX-C5	30 x 2	0.9%	10.8 dBf	4X	102 dB	96 dB	0.0025%	30-16,000 Hz (CrO_2)	0.09%	57 dB	1 yr.	$800	$599.95
JVC MX-C7	40 x 2	0.9%	10.8 dBf	4X	102 dB	96 dB	0.0025%	30-17,000 Hz (metal)	0.09%	58 dB	1 yr.	$1,000	$799.95
JVC MX-C9S	40 x 2	0.9%	10.8 dBf	4X	102 dB	96 dB	0.0025%	30-17,000 Hz (metal)	0.09%	58 dB	1 yr.	$1,350	$1,099.95
Kenwood UD-351M	25 x 2	0.1%	13.2 dBf	8X	90 dB	na	0.01%	30-16,000 Hz (CrO_2)	0.1%	72 dB	1 yr.	$800	$699.95
Sony MHC-510	20 x 2	1.0%	14.8 dBf	4X	90 dB	90 dB	0.05%	60-14,000 Hz (CrO_2)	0.1%	65 dB	1 yr.	$500	$399.95
Sony MHC-610	35 x 2	1.0%	14.8 dBf	4X	90 dB	90 dB	0.05%	60-14,000 Hz (CrO_2)	0.1%	65 dB	1 yr.	$600	$499.95
Sony MHC-1750	16 x 2	1.0%	14.8 dBf	8X	90 dB	90 dB	0.1%	40-15,000 Hz (metal)	0.1%	na	1 yr.	$700	$449.95
Sony MHC-2750	40 x 2	1.0%	14.8 dBf	8X	90 dB	90 dB	0.05%	40-15,000 Hz (metal)	0.1%	na	1 yr.	$950	$699.95
Sony MHC-C90	100 x 2	1.0%	14.8 dBf	na	90 dB	90 dB	0.05%	40-15,000 Hz (metal)	0.1%	73 dB	1 yr.	$1,200	$1,099.95
Yamaha CC-70W	50 x 2	0.04%	12.8 dBf	8X	110 dB	na	0.003%	30-19,000 Hz (metal)	0.19%	74 dB	1 yr.		$799.95

Sony MHC-510 • MHC-610

Ideal for an office, den, bedroom, or small apartment, these Sony shelf systems have your music needs covered. The 20-watt-per-channel MHC-510 offers 20 FM & 10 AM tuner presets, a CD player with 24-track programming, random Shuffle Play and Repeat, a dual cassette deck with single-direction play, record and high-speed dubbing, plus a 5-band mechanical equalizer! You have an input for running video sound from your VCR, and a mic input for adding your voice to custom recordings. It also features an on/off and sleep timer. Warranty: 1 year.

Dimensions: (main unit) 8⅞"W x 11¼"H x 10¼"D; (speakers) 11¼"H x 7⅜"W x 8¾"D.

Item #156MHC510 List Price: $500

YOUR PRICE: $399.95

*The **MHC-610** (pictured) boosts the power to 35 watts per channel, adds auto-reverse to the cassette section, and offers 5 ambience settings (Pop, Rock, Jazz, Hall and Background).*

Item #156MHC610 List Price: $600

YOUR PRICE: $499.95

JVC MX-S2 • MX-S4

Great-sounding music at the touch of a single button! Simply press CD Play, Deck Play, or the AM or FM button on the raised portions of the unit's uniquely sculpted front panel—the system powers up and the source you've selected begins playing *automatically!* JVC's MX-S2 also includes 32-track CD programming and Random Play, 40 random FM/AM presets, and a dual auto-reverse cassette deck with Dolby B and high-speed dubbing. Plus you get 4 ambience settings, a full-function remote control, and 2-way speakers for rich, full sound. Warranty: 1 year.

MX-S2 Dimensions: (solid component block) 9¾"W x 10½"H x 13⅝"D; (speakers) 10½"H x 6½"W x 9½"D.

Item #111MXS2 List Price: $500 ***YOUR PRICE: $399.95***

*The **MX-S4** (pictured) adds more power, 50 preset equalizations with source-related memory, 5 timer functions, and 3-way speakers with larger cabinets for bass with more punch.*

MX-S4 Dimensions: (receiver) 9¾"W x 7¼"H x 13⅝"D; (CD player/cassette deck 9¾"W x 7¼"H x 11⅝"D; (speakers) 14½"H x 7¼"W x 9¾"D.

Item #111MXS4 List Price: $650 ***YOUR PRICE: $499.95***

Sony MHC-1750 • MHC-2750
5-CD Changer Systems

This is our lowest price ever on a 5-disc shelf system! Hidden behind the MHC-1750's single-disc drawer is a 5-disc motorized "elevator" that lets you quickly access any CD from the front-panel buttons. Features include 32-track programming, Random Play and Repeat. Custom File lets you display titles for up to 184 discs. You also get 16 watts per channel, 20 FM/10 AM tuner presets, and a dual cassette deck with one-direction play, Dolby B, high-speed dubbing, and Relay Play. Warranty: 1 year.

MHC-1750 Dimensions: (receiver/cassette deck) 8⅞"W x 7¼"H x 12⅜"D; (CD player) 8⅞"W x 4⅝"H x 11⅞"D; (speakers) 12"H x 7¾"W x 8⅞"D.

Item #156MHC1750 List Price: $700 (pictured)

NEW LOW PRICE: $449.95

*The 40-watt-per-channel **MHC-2750** adds dual auto-reverse, 6 soundfield settings, and 3-way speakers.*

MHC-2750 Dimensions: (amp/cassette deck) 8⅞"W x 7⅛"H x 12¼"D; (tuner) 8⅞"W x 2⅝"H x 9"D; (CD player) 8⅞"W x 4⅝"H x 11⅞"D; (speakers) 14¼"H x 7⅛"W x 8⅞"D.

Item #156MHC2750 List Price: $950 ***NEW LOW PRICE: $699.95***

JVC MX-C5 • MX-C7 *6+1 CD Changer Systems*

Loaded with dynamic power and user-conveniences, these compact JVCs put many full-size systems to shame! Along with an AM/FM tuner and a feature-packed twin auto-reverse cassette deck, the 30-watt-per-channel MX-C5 offers a 6-disc CD changer *and* a separate single-disc drawer. You can play all 7 CDs in sequence, program just the tracks you want, or let the player select a random order for you! 3-way speakers deliver terrific sound, and you have 50 preset equalizations (with source-related memory) to choose from. Warranty: 1 year.

Dim: (amp/cassette deck) 10⅞"W x 7¼"H x 12⅜"D; (CD changer/tuner) 10⅞"W x 7¼"H x 12¼"D; (speakers) 14½"H x 7¼"W x 9¾"D, (MX-C7 speakers) 14½"H x 7¼"W x 10⅜"D.

Item #111MXC5 List Price: $800
YOUR PRICE: $599.95

*The **MX-C7** (pictured) steps up to biamplified speakers (18 watts x 2 for its full-range drivers, 22 watts x 2 for the subwoofers). It also adds Dolby C, 5 user-programmable EQ settings and "Learning" CSRP (recalls your settings by source and even time of day!).*

Item #111MXC7 List Price: $1000
YOUR PRICE: $799.95

Kenwood UD-351M
6+1 CD Changer System

Sure the UD-351M looks great with its stylishly curved lines. But the real story here is its terrific sound quality and impressive performance features. This 25-watt-per-channel Kenwood includes a 6+1 CD player, so you'll enjoy the extra long playing time and storage convenience of a 6-disc magazine, plus a separate disc tray for quick loading of a single CD. It also includes CCRS (Computer Controlled CD Recording System) that makes CD-to-cassette dubbing a super-easy process. With the touch of a finger, your CD is scanned and an optimum recording level is set *automatically!* And if the CD is too long for your cassette, the Edit feature will trim a few seconds off of each song (or just the songs you specify). Also, you can use the Management Edit feature to minimize blank space at the end of the cassette by rearranging the song order. The UD-351M also includes a dual auto-reverse cassette deck with Dolby B & C and high speed tape-to-tape (even CD-to-tape!) dubbing, an AM/FM tuner with 20 presets, a graphic equalizer with 5 factory- and 5 user-presets, and remote control. Warranty: 1 year.

Dimensions: (amp/tuner/EQ) 10⅝"W x 7½"H x 11"D; (CD changer/cassette deck) 10⅝"W x 7½"H x 12⅛"D; (speakers) 15"H x 7½"W x 9¼"D.

Item #113UD351M List Price: $799 ***YOUR PRICE: $699.95***

Yamaha CC-70W *3-CD Changer System*

If you like clean lines and straightforward controls, you'll love Yamaha's elegant CC-70W. We also think you'll be pretty impressed when you hear the natural, rich sound and deep bass of this shelf system, thanks to a 50-watt-per-channel amp, Yamaha's Active Servo Technology, and ported 2-way speakers. The CC-70W also features a 3-disc motorized carousel changer with Yamaha's PlayXchange feature. It lets you change two CDs while the third continues playing! Other CD playback features include Random Play, Repeat, Edit, and 20-track programming. You'll also enjoy extended tape playback time with the dual auto-reverse cassette deck (with Dolby B & C), plus the ability to make high-speed dubs of your favorite cassettes. And though there's just a single cassette door, you can open it to change one tape without interrupting play of the other. This beautiful system also includes a station-locking AM/FM tuner with 40 presets, plus the arm-chair convenience of a remote control. Warr: 1 year.

Dimensions: (receiver) 11"W x 4¼"H x 13⅜"D; (CD changer) 11"W x 4¼"H x 12¾"D; (cassette deck) 11"W x 4⅝"H x 12¾"D; (speakers) 14¼"H x 7⅛"W x 8¼"D.

Item #022CC70W ***YOUR PRICE: $799.95***

Sony MHC-C90 *5-CD Changer System*

Sony's brawny MHC-C90 supplies a whopping 100 watts per channel! There's a 5-disc CD changer behind the single drawer, complete with 32-track programming, Random Play and Repeat. The MHC-C90 also includes a digital tuner with 20 FM/10 AM presets, and a dual auto-reverse cassette deck with dual 2-motor transports, Dolby B & C, high-speed dubbing and Music Search. You also get a 7-band electronic EQ, 6 user-preset equalizations and 12 DSP soundfields. You can even record tapes with your own custom equalization settings! Sony Custom File lets you assign titles and soundfields to your CDs. And with the optical digital output, you can connect a Mini Disc or DAT recorder for making direct copies from your CDs. Dual-ported 3-way speakers produce lush sound. Remote control included. Warranty: 1 year.

Dimensions: (component stack) 8⅞"W x 15⅜"H x 12¼"D, (speakers) 15⅜"H x 8¾"W x 10¾"D.

Item #156MHCC90 List Price: $1200
YOUR PRICE: $1099.95

For more information, please check the Shelf Systems charts on page 75.

Big JVC Performance and Sound from a Shelf System that Virtually Disappears In Your Room!

JVC MX-C9S

Living with a compact shelf system doesn't mean that you've resigned yourself to compact sound. JVC's MX-C9S is *the* perfect example.

Let's begin with the sound...superb sound produced by a 3-piece satellite/subwoofer speaker system. The satellites, small enough to hold in your hand, are driven by 18 watts per channel. A 2-way acoustic suspension design, each combines a 1" soft dome tweeter and a 4" midrange driver. Set them on their included adjustable stands, or simply place them on a bookshelf, mantle, or tabletop. The compact subwoofer, with dual 5" woofers driven by 22 watts per channel, can be placed almost anywhere in your listening room. This speaker system offers two distinct advantages over traditional speakers: 1) it virtually "disappears" into your room's decor, and 2) you have greater placement flexibility for improved stereo separation, wider soundstage, and more powerful bass response. You won't believe your ears!

The MX-C9S also includes the convenience of a CD changer with a 6-disc magazine, plus an additional drawer for times when you just want to load a single CD. Play one, six, or all seven–it's your choice. Other CD playback features include disc/track Intro Scan, Random Play from all seven discs, 32-track programming, and 2-way Edit for efficiently filling a cassette tape with your chosen song selection.

For tape recording and playback convenience, a dual auto-reverse cassette deck is included. With Dolby B & C, your recordings will sound super clean. Music Scan lets you find particular songs in a hurry. This JVC shelf system also includes an AM/FM tuner with 40 station presets, a 7-band graphic equalizer with 50 factory and 5 user preset curves, CSRP for storing and recalling programmed acoustic parameters by music source, plus remote control. Warranty: 1 year.

Dimensions: (amp/cassette deck) 10⅞"W x 7¼"H x 12⅜"D; (CD changer/tuner) 10⅞"W x 7¼"H x 12¼"D, (satellite speakers) 8⅛"H x 5½"W x 5⅝"D, (subwoofer) 7⅜"W x 15¼"H x 17¼"D, (speaker stands) 14¾"W x 13"D—height adjustable from 26½" to 39⅝".

Item #700MXC9S List Price: $1350 ***YOUR PRICE: $1099.95***

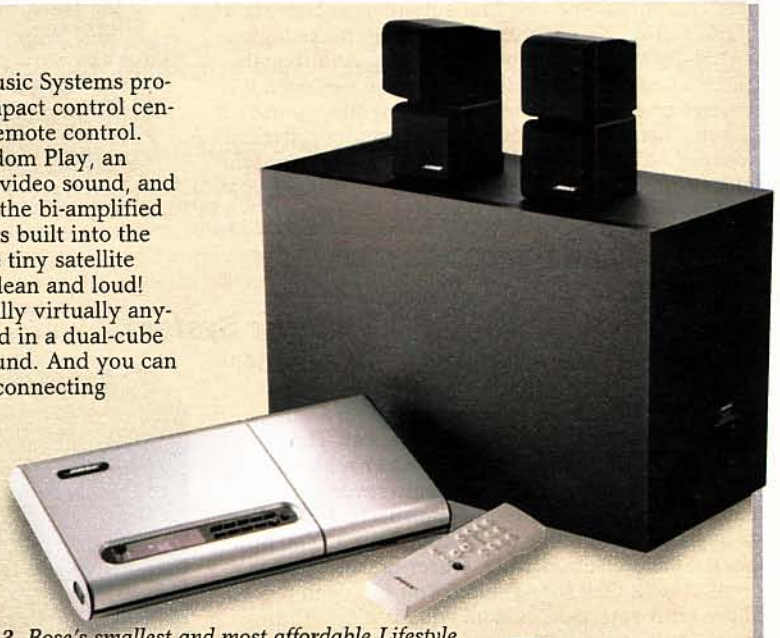
Bose Lifestyle Music Systems

Designed to be "virtually invisible" in your room, Bose Lifestyle Music Systems provide you with beautiful full-size Bose sound. Each consists of a compact control center, a 3-piece Acoustimass powered speaker system, and a simple remote control.

The sleek control center includes a built-in CD player with Random Play, an AM/FM tuner with 20 random presets, plus inputs for a tape deck, video sound, and an auxiliary source such as a multi-disc CD changer. It connects to the bi-amplified Acoustimass speaker system via a special patch cord. The amplifiers built into the LS-5's Acoustimass bass module will deliver 50 watts to each of the tiny satellite speakers and 100 watts to the bass module. This system will play clean and loud!

The hideaway bass module can be placed vertically or horizontally virtually anywhere in your listening room. Each tiny satellite speaker is designed in a dual-cube array that swivels for your preferred mix of direct and reflected sound. And you can add that popular Bose sound to any room in your home simply by connecting the optional powered Bose speakers.

Best of all, you can operate this system with a few simple buttons on the control center, or with the easy-to-use remote control from anywhere in your home—without even pointing it at the equipment. The powerful RF (Radio Frequency) remote signal will easily negotiate corners and stairs, and pass right through walls and floors! Satellite speakers are available in black only. Warranty: 1 year.



LS-5 Dimensions: (control center) 15"W x 2½"H x 9"D, (satellite speakers) 6½"H x 3⅜"W x 4⅞"D, (bass module) 7½"H x 14"W x 19"D.

Lifestyle Music System with Powered AM-5II

Item #018LS5B

YOUR PRICE: $1399.95

Optional Lifestyle Powered Speakers

Black Item #018LSSP

White Item #018LSSPW

YOUR PRICE: $299.95 pair (not pictured)

*The **LS-3**, Bose's smallest and most affordable Lifestyle Music System, offers the same control center, but supplies 20 watts to each of its single-cube satellite speakers, and 50 watts to a bass module that's 50% smaller in size. LS-3 is pictured at right.*

LS-3 Dimensions: (control center) 15"W x 2½"H x 9"D, (satellite speakers) 4½"H x 4½"W x 3½"D, (bass module) 7½"H x 8½"W x 18"D.

Lifestyle Music System with Powered AM-3

Item #018LS3B

YOUR PRICE: $999.95

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– Joyce A., Big Bear Lake, CA

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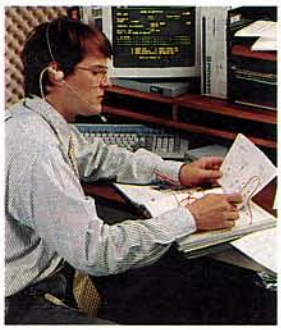

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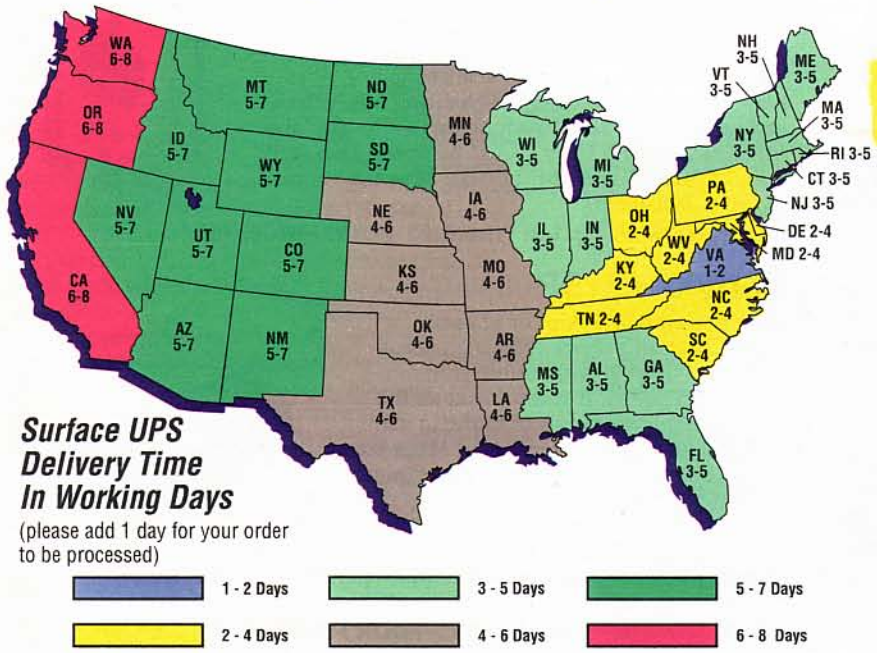

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A Personal Portable – run with it, study with it, or just relax with it. Your music, your time.

Sony WM-FX56

Here's sound advice: Sony's compact WM-FX56. It delivers remarkably BIG sound, and features Sony's ear-saving Auto Volume Limiter System, which monitors the signal and reduces the volume during heavy music peaks. It also includes 7 AM/7 FM station memories, and a rugged auto-reverse tape section with Dolby B and Sony's super-steady Anti-Rolling Mechanism. Want a little extra kick? Switch on its Mega Bass circuitry. Headphones with in-line remote included. Uses 2 "AA" batteries. Dimensions: 3¼"W x 4⅝"H x 1⅜"D. Weight: 8.2 oz. Warranty: 1 year parts/90 days labor.

Item #158WMFX56 List Price: $160
YOUR PRICE: $139.95

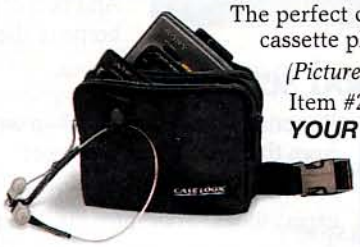
Sony WM-FX29 • WM-FX45

The inexpensive WM-FX29 offers a pushbutton digital AM/FM tuner with 10 random station presets and a cassette player with Sony's Anti-Rolling mechanism built in for steady cassette playback on the go. You'll also enjoy a clock with alarm, 3-position Mega Bass boost, plus Auto Volume Limiter System to protect your ears from distortion. Headphones, belt clip included. Uses 2 "AA" batteries. Dimensions: 4⅝"W x 3⅜"H x 1½"D. Weight: 8.5 oz. Warranty: 1 year parts/90 days labor.

Item #158WMFX29 List Price: $70
YOUR PRICE: $59.95

*For tape enthusiasts, the **WM-FX45** (pictured) adds auto-reverse and Dolby B.*
Item #158WMFX45 List Price: $100 ***YOUR PRICE: $89.95***

Portable Cases *by Case Logic*



The perfect case for your portable cassette player and tapes!
(Pictured at left)
Item #227PS1
YOUR PRICE: $9.95

Holds and protects your portable CD player, and up to 4 CD jewel boxes or accessories! *(Pictured at right)*
Item #227DM1
YOUR PRICE: $19

Splash-resistant Sony Sports let you take the music with you...rain or shine!

Sony SRF-M70

The compact SRF-M70 offers digital AM/FM tuning with 10 random presets, a clock with stopwatch function, and a belt clip. Headphones included. Uses 2 "AAA" batteries. Dimensions: 2¾"W x 4⅝"H x 1¼"D. Weight: 4.9 oz. Warranty: 1 year parts/90 days labor.

Item #158SRFM70 List Price: $58
YOUR PRICE: $49.95

Sony WM-SXF44

Perfect for runners, the WM-SXF44 offers a pushbutton AM/FM tuner with 10 presets, an auto-reverse cassette player, plus a digital stopwatch with lap setting! You also get Sony's vibration-resistant Anti-Rolling mechanism, Mega Bass, and ear-saving AVLS. Headphones, action grip and belt clip included. Uses 2 "AA" batteries. Dim: 4"W x 4⅝"H x 1⅝"D. Weight: 11.4 oz. Warranty: 1 year parts/90 days labor.

Item #158WMSXF44 List Price: $120 ***YOUR PRICE: $99.95***

Sony WM-SXF16

Ideal for people on the move, the highly-visible WM-SXF16 includes an AM/FM tuner and a cassette player. Sony's Auto Volume Limiter System ensures clear sound without distortion. And its 3-position Mega Bass lets you adjust the bass to your preference. Headphones, removable action grip, and belt clip included. Operates on 2 "AA" batteries. Dimensions: 4"W x 4⅞"H x 2"D. Weight: 10 oz. Warranty: 1 year parts/90 days labor.

Item #158WMSXF16 List Price: $80 ***YOUR PRICE: $69.95***

Sony D-421SP

No more annoying skips or pauses! Sony's Electronic Shock Protection keeps the music flowing without interruption—even when jarred. It scans ahead on the CD and stores 3 seconds of music in memory! You also get DSP for Digital Mega Bass and two special effects: "Car" allows more music to be heard above background noise, and "Vocal" brings out vocals. Other features: Shuffle Play, Repeat, and AVLS. Headphones, AC adapter and rechargeable battery kit included. Also operates on 2 "AA" batteries. Dimensions: 5½"W x 1⅜"H x 6⅛"D. Weight: 15 oz. Warranty: 1 year.

Item #158D421SP List Price: $345 ***YOUR PRICE: $299.95***
Optional Car Cassette Adapter Item #158CPA3 ***$29.95***

JVC XL-P60

JVC definitely had the car environment in mind when they designed the XL-P60 portable CD player. In addition to the included car power adapter and cassette adapter, it offers an easy-to-read backlit LCD panel and illuminated keys for improved nighttime visibility. The XL-P60 delivers terrific JVC sound, with dual 1-bit D/A converters, 8-times oversampling, and JVC Hyper-Bass. Playback features include 20-track programming, Random Play, Repeat, Intro Scan, and Skip Search. Includes line output and headphone output. For home or portable use, it also operates on AC power (adapter included) or 4 "AA" batteries. Headphones not included.

Specifications: Frequency Response 20-20,000 Hz. Dimensions: 5⅜"W x 1¼"H x 6¼"D. Weight: 11 oz. without batteries. Warranty: 1 year.

Item #111XLP60 List Price: $220 ***YOUR PRICE: $149.95***

Sony D-822K • D-828K

At home or on the go, the D-822K's wireless remote control gives you easy access to every essential function. Disc Guard Chucking holds the CD firmly in place, and its new Hydro-Suspension Anti-Shock System provides smoother playback when in motion. Features include DSP for Digital Mega Bass and Digital Dynamic Sound ("Car" and "Vocal" settings), plus 22-track programming, Shuffle Play, Repeat, and Intro Scan. AC adapter, car cassette adapter and battery cord included. Operates on 2 "AA" batteries. Headphones not included.

Specifications: Frequency Response 20-20,000 Hz. Dimensions: 5⅜"W x 1¼"H x 6¼"D. Weight: 10.5 oz. (without batteries) Warranty: 1 year parts/90 days labor.

Item #158D822K List Price: $270 ***YOUR PRICE: $249.95***

Optional Car Mounting Arm Item #158CPM300A ***$34.95***

Optional Car Mounting Plate Item #158CPM300P ***$37.95***

*The **D-828K** adds Electronic Shock Protection (3-second music memory buffer) for skip-free play, plus an easy-to-see backlit remote control.*

Item #158D828K List Price: $330 ***YOUR PRICE: $299.95***

Sony D-211

With Digital Signal Processing for Dynamic Sound and Bass Boost, the D-211 supplies superior CD sound with deep, rich bass. It also offers the many conveniences you know to expect from Sony. Disc Guard Chucking holds the CD securely and minimizes tracking errors. An Auto Volume Limiter System eliminates distortion at loud volume levels. Other features include 22-track programming, Random Play, Repeat, Intro Scan, and a backlit LCD panel. Its headphones have an in-line remote control for easy operation. Uses the supplied rechargeable battery kit, 2 "AA" batteries (not included), or AC power (adapter included).

Specifications: Frequency Response 20-20,000 Hz. Dimensions: 5"W x 1¼"H x 5⅜"D. Weight: 1 lb. Warranty: 1 year parts/90 days labor.

Item #158D211 List Price: $280 ***SPECIAL: $179.95*** *Supplies limited*

Optional Car Mounting Arm Item #158CPM300A ***$34.95***

Optional Car Power Plate Item #158CPM300P ***$37.95***

Kenwood DPC-341 • DPC-441

Get the most out of your portable CD listening! Kenwood's DPC-341 includes a dual 1-bit D/A converter and five preset soundfield choices performed with Digital Signal Processing for excellent clarity and dynamics (Bass Boost, Live, Pops, Rock, Fusion). Other conveniences include 20-track programming, Random Play, 4-way Repeat and Intro Scan. A Hold switch conveniently locks all controls. Stereo headphones included. Operates on AC power (adapter included), 2 "AA" batteries (not included), or the supplied rechargeables.

Specifications: Frequency Response 20-20,000 Hz. Dimensions: 5⅛"W x 1⅛"H x 6"D. Weight: 9.3 oz. Warranty: 1 year parts/90 days labor.

Item #113DPC341 List Price: $179 ***YOUR PRICE: $139.95*** (pictured)

*The **DPC-441** adds a credit card remote control, an in-line remote on the headphone cord, a backlit LCD panel, and an extra battery case.*

Item #113DPC441 List Price: $219 ***YOUR PRICE: $179.95***

Sony MZ-1 *Portable Mini Disc Player/Recorder*

Sony's MZ-1 is the world's first portable Mini Disc Recorder/Player! Mini Disc provides the same amount of playback time as a CD, as well as conveniences like 10-key direct track access, Shuffle Play, and Repeat. And it offers a 10-second music memory buffer for skip-free playback! A back-lit LCD panel shows disc names and track titles (some MDs even scroll through lyrics). You can record onto a blank Mini Disc from a CD player or DAT deck (with the optional optical digital cable) and *re-record* the MD up to a million times! You can also generate titles and input the date and time of recording, for display on its LCD panel. A unique Table of Contents function automatically numbers tracks as you record for direct access. It even renumbers tracks after you erase songs! Operates with the supplied rechargeable battery pack or AC adapter. Stereo headphones, carry case, stereo connecting cable, and a 60-minute recordable MD included.

Dimensions: 4½"W x 1¾"H x 5½"D. Weight: 1.5 lbs. w/battery. Warr: 1 year parts/90 days labor.

Item #158MZ1 List Price: $800 ***NEW LOW PRICE: $599.95***

Optical Digital Connecting Cable Item #158POCMZ1 ***$39.95***

Optional Car Cassette Adapter Item #158CPA3 ***$29.95***

60-minute Recordable MD Item #158MDW60 ***$13.95***

74-minute Recordable MD Item #158MDW74 ***$16.95***

Extra Battery Pack Item #158BPMZ1 ***$79.95***

Sony CFS-1030

If tapes and radio are your thing, the inexpensive CFS-1030 is a great choice for music to go. Its detachable 2-way speakers deliver super Sony sound, and its built-in 5-band equalizer lets you hear your music just the way you like it. It features an AM/FM stereo tuner and a single-well cassette deck for playback and record. It also has an input for connecting a portable CD player, plus a headphone jack for private listening. And you can use the built-in microphone for making your own mono recordings. Uses AC power (adapter included) or 6 "D" size batteries (not included). Dimensions: 21⅛"W x 5"H x 6⅜"D. Weight: 7.75 lbs. Warranty: 1 year parts/90 days labor.

Item #158CFS1030 List Price: $90 ***NEW LOW PRICE: $59.95***

Sony CFS-W430

If you listen mostly to tapes, this Sony could be just the portable for you. The CFS-W430 features a dual cassette deck for custom tape editing and normal or high-speed dubbing convenience. You can also make tape recordings directly from the AM/FM stereo tuner. A 4-band equalizer lets you tailor the sound for your preferred listening, and a bass boost control lets you kick in more powerful bass presence. This Sony also features a microphone mixing input, a headphone jack for personal listening, and detachable 2-way speakers. Uses AC power (adapter included) or 6 "D" size batteries (not included). Dimensions: 22⅞"W x 8⅜"H x 7¼"D. Weight: 10.4 lbs. Warranty: 1 year parts/90 days labor.

Item #158CFSW430 List Price: $95 ***YOUR PRICE: $79.95***

Sony CFD-110

The sleek, sculpted CFD-110 delivers lush, accurate CD sound with deep, rich bass tones, thanks to Sony's Mega Bass Sound system and advanced digital technology (1-bit D/A converter and 8-times oversampling). CD playback features include 34-track programming, random Shuffle Play, and Repeat. The dual cassette deck lets you make direct recordings from the CD player or AM/FM tuner, or dub from one tape to another. Plug in a pair of headphones for some great personal listening time, or a microphone for making live recordings. Uses AC power (adapter included) or 6 "D" size batteries (not included). Dimensions: 23⅜"W x 7"H x 10½"D. Weight: 10.8 lbs. Warranty: 1 year parts/90 days labor.

Item #158CFD110 List Price: $190 ***YOUR PRICE: $159.95***

Sony CFD-30

The CFD-30's look is sleek and contoured, and its controls are basic and easy to use. This beauty also offers the CD, AM/FM tuner, and cassette tape conveniences you want in a portable. Its CD player features dual D/A converters, 16-track programming, 4-way Repeat, random Shuffle Play, and Intro Scan. The single-well auto-reverse cassette deck offers one-touch recording and synchronized CD-to-cassette dubbing. A microphone input lets you mix your voice to custom recordings, and a headphone output provides private enjoyment. Uses AC power (adapter included) or 6 "D" size batteries (not included). Dimensions: 16¼"W x 6¾"H x 9½"D. Weight: 9.8 lbs. Warranty: 1 year parts/90 days labor.

Item #158CFD30 List Price: $220 ***NEW LOW PRICE: $169.95***

Sony CFD-445

The easily affordable CFD-445 has vented 2-way speakers for rich Sony sound with deep bass. It includes a CD player with 34-track programming, 4-way Repeat Intro Scan and Music Search. You also get an auto-reverse cassette deck, AM/FM tuner, 3-band rotary EQ, microphone mixing input and headphone output. Uses AC power (adapter included) or 6 "D" size batteries (not included). Dimensions: 23⅛"W x 8⅞"H x 7⅞"D. Weight: 15.9 lbs. Warranty: 1 year parts/90 days labor.

Item #158CFD445 List Price: $220 ***NEW LOW PRICE: $179.95***

JVC PC-X110

This JVC has what it takes to get the party rolling. There's a built-in CD player with 20-track programming, Random Play, Repeat, Intro Scan, and Skip Search. With the dual cassette deck, you can record from CD or radio directly onto tape, and make dubs of your favorite tapes in half the playing time. Its tuner has 15 FM and 15 AM station presets and Preset Scan. Detachable 2-way speakers and JVC's Multi-Bass Horn deliver crisp, clear sound with bass that really slams. Other features include a 3-band equalizer, a wireless remote, and a headphone jack. Uses AC power (adapter included) or 8 "D" size batteries. Dim: 27"W x 9⅞"H x 9"D. Weight: 15.3 lbs. Warranty: 1 year.

Item #257PCX110 List Price: $300 ***YOUR PRICE: $219.95***

Sony CFD-758

With the CFD-758's wireless remote, you'll have control in the palm of your hand at home or on the go. It provides easy access to CD features like 17-track programming, Shuffle Play and Repeat, as well as its digital tuner, power, volume, and 5 electronic sound modes (Pop/Rock/Jazz/Blues/Vocal). The CFD-758 also offers a dual cassette deck with high-speed dubbing, 12 FM/12 AM tuner presets, detachable 2-way speakers, a headphone output, microphone mixing, and sleep timer. Operates on AC power or 8 "D" batteries. Dim: 25"W x 8¼"H x 9½"D. Weight: 20.8 lbs. Warr: 1 year parts/90 days labor.

Item #158CFD758 List Price: $400 ***YOUR PRICE: $299.95***

Sony ICF-C503 • ICF-C203 *Clock Radios*

With counter space at a premium in any kitchen, the clever ICF-C503 (top photo) mounts out of the way, above the counter and under a cabinet. Controls for AM/FM radio, audio from TV channels 2-13, and 5 Weather Band channels are easily accessible on the front panel. It also provides 20 presets for quick recall of your favorite stations, and a built-in timer to help with meal preparations. Dimensions: 8¾"W x 3⅛"H x 9"D. Warranty: 1 year parts/90 days labor.

Item #158ICFC503 List Price: $55 ***YOUR PRICE: $49.95***

*The low-profile **ICF-C203** bedside clock radio (bottom photo) features an AM/FM tuner with 5 preset stations, dual alarm settings, snooze button, and convenient sleep timer. The green backlit display is easy to read in the dark. 7¾"W x 2⅜"H x 5¾"D. Color: charcoal gray.*

Item #158ICFC203 List Price: $45 ***YOUR PRICE: $39.95***

JVC PC-X130

For terrific sound and user-convenience, it's tough to compete with JVC's PC-X130. The CD player includes an 8-times oversampling digital filter and dual 1-bit D/A converters, and features 20-track programming, Repeat, Random Play, Intro Scan, and Music Search. Its dual cassette deck offers metal tape capability, high-speed dubbing, and CD synchro-start recording. It also offers a digital tuner with 15 AM/15 FM station presets and Preset Scan. Other features: a 3-band EQ, Hyper-Bass low frequency enhancement, detachable speakers, and headphone output. And you can control the CD player, tuner, equalizer, power and volume all from the remote control! Uses AC power or 8 "D" size batteries. Dimensions: 27¾"W x 9⅞"H x 9¼"D. Weight: 18.7 lbs. Warranty: 1 year.

Item #257PCX130 List Price: $380 ***YOUR PRICE: $279.95***

Sony ICF-SW33 • ICF-SW7600 *World Band Radios*

The ICF-SW33 radio gives you access to most short-wave bands, plus AM and FM. Quartz synthesis tuning assures drift-free accuracy. User-conveniences include 15-station memory, world time clock (adjustable by City name), and sleep timer. Dimensions: 6¾"W x 3⅝"H x 1¼"D, Weight: 1.25 lbs. Warranty: 1 year. (AC adapter optional.)

Item #158ICFSW33 List Price: $200 ***YOUR PRICE: $179.95***

*The **ICF-SW7600** (pictured) adds 10-key direct access tuning to all bands, manual and automatic scan tuning, and an AC adapter.*

Item #158ICF7600 List Price: $250 ***YOUR PRICE: $229.95***

Nakamichi Clock Radio 1 & Stereo Companion 1

No ordinary bedside clock radio, Nakamichi's Clock Radio 1 features quartz tuning with 4 FM/4 AM station presets, separate bass and treble controls, and a 5" full-range speaker. An automatic loudness-compensated volume control ensures rich, full, sound at any volume level. You'll also enjoy 2 independent alarm settings (great for working couples), and ramp-up volume for gently easing you into your day. Other features include a large, easy-to-find 6-minute snooze button, a 6-minute sleep timer (programmable in 5-minute increments), and automatic nighttime display dim. Dimensions: 10½"W x 5¼"H x 3¼"D. Warranty: 1 year

Clock Radio 1 Item #291CR1 ***YOUR PRICE: $149.95***

*For lush 2-channel stereo sound, simply add the **Stereo Companion 1**. It has its own display and most controls for radio, clock and alarm.*

Stereo Companion 1 Item #291SC1 ***YOUR PRICE: $99.95***

Home Theater

It's Much More Affordable than You May Think

When Home Theater was introduced, audio/video salespeople everywhere boasted that you could "now reproduce movie theater sound in your living room." What we quickly discovered is that it can be better–*much* better! When you consider the enormous size of a commercial theater, the sheer volume of sound it takes to fill it, and the distance from its speakers to your ears, the advantages of Home Theater intimacy become quite clear.

With Home Theater, you can enjoy the total sensory experience of movies and Dolby-encoded TV shows (many sports events are even broadcast in Dolby Surround) while relaxing in the comfort of your own living room, with the surround sound directionality and impact of a movie theater–but with many subtle details that can't be matched in a commercial theater!

The best news is that you can assemble a complete Dolby Pro-Logic Home Theater around your TV for under $1000!

If You Already Own a TV and a HiFi VCR, You're Halfway There!

Along with your TV, you'll need an **Audio/Video Receiver** with a built-in Dolby Pro-Logic Surround decoder. In addition to standard 2-channel stereo for your music sources, it can decode the four channels of information on video soundtracks (front left, center, right, and rear surround), and has the ability to "steer" the sound to the proper location. Sound effects move all around you, putting you right in the middle of all the action! Incidentally, there are now over 4,000 movies, many TV shows, even sports broadcasts with Dolby Surround encoded.

In order to pull that soundtrack information off video tapes, you need a **HiFi VCR**. Besides providing near-CD quality stereo sound for your main speakers, a HiFi VCR's audio carries that information which your receiver's Dolby Pro-Logic circuitry decodes as the center- and surround-channel signals.

Your **Main Speakers** (you probably already own a pair) are vital for music listening and serve as your Home Theater's front left and right channels. In a Dolby Pro-Logic setup, a **Center Channel Speaker** (magnetically shielded for placement above, below, or beside your TV) anchors the dialogue and other up-front action to your TV screen. And to create the illusion of being surrounded by the movie soundtrack and all of its effects, you need a pair of **Surround Speakers** placed to the side of or behind your listening position. With digital time delay, the surround channel can make your living room sound huge, with enough space for jets to roar overhead and cars to drive right through!

That's all you need. Throughout this section, we'll provide you with more information and some tips on how to select the right models for your Home Theater.

Building a Home Theater is as easy as 1–2–3 . . .

1 **An Audio/Video Receiver** with a built-in Dolby Pro-Logic Surround decoder lets you hear the many effects that bring movies to life!

See pages 86-93.

2 **Your TV and a HiFi VCR** play a major role in this exciting sight and sound experience!

See pages 118-125.

3 **Five Speakers** put you in the center of all the action, anchoring dialogue, delivering left to right panning, and supplying off-screen sound effects.

See pages 106-117.

The TV. Yours... or upgrade to one of ours.
The center channel speaker anchors dialogue and other up-front action to your TV screen.
An A/V Receiver with Dolby Pro-Logic decodes the 4 channels of surround sound.
A HiFi VCR lets you see and hear all the action recorded on movie soundtracks.
Your main stereo speakers are critical for music listening and Home Theater "panning" between left and right channels.
Surround speakers set the mood and deliver off-screen sound effects.

Look for the Home Theater sign

HOME THEATER

Throughout this section, we've identified the components that will work in your Home Theater system. And don't forget, product information and expert advice are just a toll-free phone call away!
1-800-955-3000

. . . and so is buying from Crutchfield!

1 **UPS Shipping for just $3.95:** Other companies charge up to $100 extra to ship a complete Home Theater system to your door. We don't. Instead, we simply apply a flat $3.95 shipping and handling fee on each order, no matter how big, heavy or expensive it is.

2 **Toll-free Technical Support:** If you need help hooking up your Home Theater System, or something in an owner's manual is not clear, you're not on your own. Our staff of technical experts is available to help–seven days a week. And we're just a toll-free phone call away.

3 **Total Satisfaction Guarantee:** If for *any* reason you are not completely satisfied with your purchase, just return it to us within 30 days for an exchange or refund. No questions asked. We only request that you call ahead for a Return Authorization Number and that the system be in its original condition and packaging.

Home Receivers

The Brains & Brawn of your Home Theater System: the Audio/Video Receiver

The centerpiece of any Home Theater is the Audio/Video receiver. It has connections for your audio components (CD player, cassette deck, turntable, etc.), your video components (VCR or LaserDisc player and your TV), as well as your antenna or cable. With controls for your entire system, the A/V receiver lets you enjoy one master volume control, one source selector, and on certain higher models, even a single remote control!

Full system control from the palm of your hand

All of our remote-controlled receivers work with same-brand CD players and cassette decks. As you step up each manufacturer's line, some models add control for VCRs and TVs from the same manufacturer. For example, a Sony A/V receiver's remote can also control a Sony TV. Many top-of-the-line receivers even have remotes that can learn commands for other brands of audio and video components.

Beautiful music in stereo

As with any audio receiver, an A/V receiver lets you enjoy your favorite music with a pair of stereo speakers. But, by running your video components through an A/V receiver, you'll enjoy video sound like never before.

Watch a movie and the real fun begins!

Over 4,000 movies and many TV shows now have Dolby Surround encoded right on the soundtrack. The information for off-screen sound effects, on-screen dialogue, left-to-right panning (as the action moves across your screen), and of course, the full impact of the music is already there! The Surround decoder built into an Audio/Video receiver extracts that information and gets you in on all of the action—just like the director intended.

With **Dolby Surround** decoding and a pair of surround speakers placed beside or behind the place where you usually watch TV, you can hear the surround channel sound effects, and be drawn into the action like never before.

The more elaborate **Dolby Pro-Logic Surround** decodes center channel information and sends that signal to a center channel speaker (placed on top of or below the TV). With this more realistic decoding system, the dialogue and other up-front action comes right from your TV screen.

Dolby Pro-Logic has four channels of sound information to work with: front left, center, front right, and rear surround. Its ability to "steer" the sound to the right location is combined with digital time delay to provide a feeling of tremendous spaciousness. Sound effects occur all around you and move all around you, so you're right in the thick of the action.

The power you need for accurate reproduction of your music...

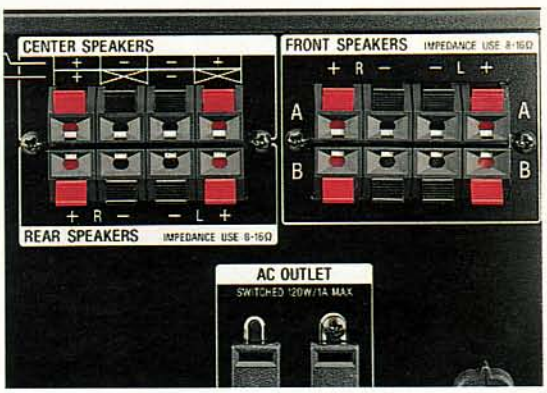
It's ironic, but having too little power is more dangerous than having too much. What causes the most damage to speakers is an underpowered receiver putting out a "clipped" or distorted signal.

It's important to note that a 100-watt receiver will not play twice as loud as a 50-watt model. In fact, it takes *ten times* the power to double the sound level. The reasons for wanting additional power are to handle all your system requirements and to have reserve power for life-like reproduction of digitally-recorded music and soundtracks.

...and more for Surround Sound

Receivers with Dolby Surround include additional power for the surround channels. Usually 20 to 30 watts is plenty, since the surround channels are always at a much lower volume level.

Most Dolby Pro Logic receivers also have a center-channel amplifier. Dolby Labs recommends equal power for all three front channels. The best receivers have a stereo mode (for example, 120+120 watts) and a separate Pro Logic mode (such as 75+75+75 watts) for Home Theater.



An Audio/Video receiver with Dolby Pro-Logic Surround has speaker connections for all four channels: front left and right, center, and rear surround.

Look for the Home Theater sign

Throughout this section, we've identified the Audio/ Video receivers that will work in your Home Theater system. And don't forget, product information and expert advice are just a toll-free phone call away!
1-800-955-3000

What to Look For

Audio Tape Inputs

A tape deck connected to a tape input loop can record any signal going through the receiver. Two tape input loops let you copy from one deck to another.

Digital Signal Processing

A few receivers use DSP for time delay and precise localization of Dolby Pro-Logic surround, simulating acoustic soundfields, and in some cases, adjustment of tone control. Because all processing is performed in the digital domain, it does not degrade the sound quality at all.

Surround Sound

Standard *Dolby Surround* includes a channel of time-delayed signals for 2 rear speakers that create the surround effect. *Dolby Pro Logic* adds much greater spatial precision and a center dialogue channel.

Surround & Center Channel Amps

Many receivers have extra amplification to drive a pair of surround speakers. Certain models split the output between main and surround speakers. Center channel power is required for Dolby Pro Logic. Some receivers with center-channel power *also* have center-channel preamp outputs to connect to a separate power amp or to a stereo TV's inputs.

FM Sensitivity

Measures just how strong signals need to be for the tuner to receive them. A lower value indicates a tuner that pulls in weak stations better.

CD Signal-to-Noise Ratio

This is an important measure of the sound quality of the amplifier section. A higher number means more music and less amplifier noise. This specific number applies to line-level (non-phono) music sources such as CD.

A/V Receiver Features

	AM/FM Memory Presets	Preset Scan	Audio Tape Inputs	Graphic Equalizer	Digital Signal Processing	Surround Sound	Surround Channel Amp	Center Channel Amp	Video Dubbing	Remote Control
Carver HR-875	30 random	✔	2*			Dolby Pro	35 w/ch	75 watts	✔	audio-video
JVC RX-315	40 random		2*							✔
JVC RX-509V	40 random	✔	2*			Dolby Pro	20 w/ch	20 watts	✔	audio-video
JVC RX-709V	40 random	✔	2*	7-band		Dolby Pro	20 w/ch	65 watts	✔	audio-video
JVC RX-809V	40 random	✔	2*	7-band	✔	Dolby Pro	20 w/ch	70 watts	✔	audio-video
Kenwood KR-A4040	20 FM/10 AM	✔	1							
Kenwood KR-A5040	20 FM/10 AM	✔	2*							✔
Kenwood KR-A5050	20 FM/10 AM	✔	2*							✔
Kenwood KR-V5550	20 random	✔	2*			Dolby	15 w/ch		✔	✔
Kenwood KR-V6050	20 random	✔	2*			Dolby Pro	20 w/ch	65 watts	✔	✔
Kenwood KR-V7050	20 random		2*		✔	Dolby Pro	20 w/ch	65 watts	✔	✔
Kenwood KR-V8050	20 random		2*		✔	Dolby Pro	20 w/ch	75 watts	✔	learning
Pioneer VSX-402	30 random	✔	2*			Dolby	20 w/ch		✔	✔
Pioneer VSX-452	30 random	✔	2*			Dolby Pro	20 w/ch	60 watts	✔	✔
Pioneer VSX-502	30 random	✔	2*			Dolby Pro	20 w/ch	70 watts	✔	✔
Pioneer VSX-512S	30 random	✔	2*			Dolby Pro	20 w/ch	70 watts	✔	learning
Pioneer VSX-D602S	30 random	✔	2*		✔	Dolby Pro	40 w/ch	70 watts	✔	learning
Pioneer VSX-D702S	30 random	✔	2*		✔	Dolby Pro	40 w/ch	70 watts	✔	learning
Pioneer VSX-D902S	30 random	✔	2*		✔	Dolby Pro	50 w/ch	60 watts	✔	learning
Sony STR-D311	30 random		2*							✔
Sony STR-D611	30 random		1			Dolby Pro	20 watts	20 watts	✔	audio-video
Sony STR-D711	30 random		2*		✔	Dolby Pro	20 watts	65 watts	✔	audio-video
Sony STR-D911	30 random		2*		✔	Dolby Pro	25 watts	65 watts	✔	audio-video
Sony STR-D1011	30 random		2*	parametric	✔	Dolby Pro	30 w/ch	75 watts	✔	audio-video
Yamaha AV-90 / T-60	16 random		2*		✔	Dolby Pro	25 w/ch	25 watts	✔	learning

*1 Tape Monitor

A/V Receiver Specifications

	Continuous Output Power, Watts	Rated Power Bandwidth, Hertz	Total Harmonic Distortion (THD)	FM Sensitivity	FM Selectivity	CD Signal-to-Noise	Dimensions	Warranty	List Price	Your Price
Carver HR-875	75 x 2	20-20,000	0.09%	13.5 dBf	70 dB	110 dB	19"W x 6½"H x 15½"D	2 years	$850	$799.95
JVC RX-315	105 x 2	40-20,000	0.08%	10.8 dBf	60 dB	91 dB	17¼"W x 5"H x 13½"D	2 years	$280	$219.95
JVC RX-509V	80 x 2	20-20,000	0.06%	10.8 dBf	60 dB	91 dB	17¼"W x 5"H x 13½"D	2 years	$380	$299.95
JVC RX-709V	100 x 2	20-20,000	0.007%	10.8 dBf	60 dB	100 dB	17¼"W x 6¼"H x 15⅝"D	2 years	$520	$399.95
JVC RX-809V	120 x 2	20-20,000	0.007%	10.8 dBf	60 dB	100 dB	17¼"W x 6¼"H x 15⅝"D	2 years	$650	$529.95
Kenwood KR-A4040	50 x 2	30-20,000	0.09%	10.8 dBf	53 dB	100 dB	17⅜"W x 5⅛"H x 11⅝"D	2 years	$229	$159.95
Kenwood KR-A5040	80 x 2	20-20,000	0.09%	10.8 dBf	53 dB	100 dB	17⅜"W x 5⅛"H x 13¾"D	2 years	$279	$199.95
Kenwood KR-A5050	100 x 2	20-20,000	0.06%	10.8 dBf	50 dB	100 dB	17⅜"W x 5"H x 15½"D	2 years	$279	$219.95
Kenwood KR-A5550	100 x 2	20-20,000	0.06%	10.8 dBf	50 dB	100 dB	17⅜"W x 5"H x 15½"D	2 years	$349	$279.95
Kenwood KR-V6050	100 x 2	20-20,000	0.06%	10.8 dBf	53 dB	100 dB	17⅜"W x 5¾"H x 15½"D	2 years	$449	$349.95
Kenwood KR-V7050	100 x 2	20-20,000	0.06%	10.8 dBf	53 dB	100 dB	17⅜"W x 5¾"H x 15½"D	2 years	$499	$399.95
Kenwood KR-V8050	120 x 2	20-20,000	0.06%	10.8 dBf	53 dB	100 dB	17⅜"W x 5¾"H x 15½"D	2 years	$599	$499.95
Pioneer VSX-402	100 x 2	20-20,000	0.09%	12.3 dBf	50 dB	96 dB	16⅝"W x 5⅝"W x 15⅝"D	1 year	$335	$249.95
Pioneer VSX-452	80 x 2	20-20,000	0.09%	12.3 dBf	50 dB	96 dB	16⅝"W x 5⅝"W x 15⅝"D	1 year	$385	$299.95
Pioneer VSX-502	100 x 2	20-20,000	0.05%	10.8 dBf	65 dB	97 dB	16⅝"W x 6⅜"H x 16½"D	1 year	$520	$429.95
Pioneer VSX-512S	100 x 2	20-20,000	0.05%	10.8 dBf	65 dB	97 dB	16⅝"W x 6⅜"H x 16½"D	1 year	$575	$479.95
Pioneer VSX-D602S	110 x 2	20-20,000	0.05%	10.8 dBf	65 dB	97 dB	16⅝"W x 6⅜"H x 16½"D	1 year	$735	$599.95
Pioneer VSX-D702S	110 x 2	20-20,000	0.05%	10.8 dBf	65 dB	97 dB	16⅝"W x 6⅜"H x 16½"D	1 year	$850	$699.95
Pioneer VSX-D902S	125 x 2	20-20,000	0.005%	10.8 dBf	65 dB	98 dB	16⅝"W x 6⅜"H x 16¾"D	1 year	$1,175	$999.95
Sony STR-D311	70 x 2	40-20,000	0.8%	11.2 dBf	60 dB	95 dB	17"W x 5⅝"H x 11¾"D	2 years	$220	$179.95
Sony STR-D611	70 x 2	40-20,000	0.8%	11.2 dBf	60 dB	95 dB	17"W x 5⅝"H x 11¾"D	2 years	$350	$299.95
Sony STR-D711	100 x2	20-20,000	0.1%	11.2 dBf	60 dB	105 dB	17"W x 6"H x 14"D	2 years	$430	$379.95
Sony STR-D911	100 x 2	20-20,000	0.1%	11.2 dBf	60 dB	105 dB	17"W x 6"H x 14"D	2 years	$500	$429.95
Sony STR-D1011	120 x 2	20-20,000	0.04%	11.2 dBf	60 dB	105 dB	17"W x 5⅝"H x 15½"D	2 years	$620	$549.95
Yamaha AV-90 / T-60	100 x 2	20-20,000	0.08%	9.3 dBf	70 dB	95 dB	17⅛"W x 6"H X 11¾"D	2 years	$650/$179	$599.95/$159.95

Sony STR-D311 • STR-D611

Building your first audio system or creating a second one for your office or child's room? Sony's STR-D311 is a super choice. It offers a solid 70 watts per channel, inputs for a CD player, 2 tape decks (1 tape monitor), a turntable, video sound, and connections for 2 pairs of speakers. Select AM/FM stations by using the 30 memory presets, or punch them in through the direct access keypad. Its easy-to-use remote control puts all basic functions at your fingertips.

Item #156STRD311 List Price: $220 **YOUR PRICE: $179.95**

Want home theater capability? The ***STR-D611*** *(pictured) loses the tape monitor, but adds Dolby Pro-Logic Surround, built-in power for center and surround channels, Hall and Simulated surround modes for non-Dolby sources, 2 video inputs, Dynamic Bass Feedback bass boost, and an A/V remote control.*

HOME THEATER

Item #156STRD611 List Price: $350 **YOUR PRICE: $299.95**

Features: Direct Access tuning, 30 random AM/FM presets, 2 switchable pairs of speaker outputs, remote control. STR-D611 loses the tape monitor, but adds Dolby Pro-Logic Surround, center-channel and surround amps, Hall and Simulated Surround modes, 2 video inputs and dubbing, Dynamic Bass Feedback, Mute switch, and an audio/video remote control. **Specifications:** 70 watts per channel into 8 ohms (40-20,000 Hz) at 0.8% THD (plus, for STR-D611, 20 watts center and 20 watts for surround), Usable FM Sensitivity 11.2 dBf. Dimensions: 17"W x 5⅝"H x 11¾". Warranty: 2 years.

Sony STR-D711

HOME THEATER

Moving up the Sony line to the STR-D711 brings you even closer to the seamless "wall of sound" you experience in commercial movie theaters. In Dolby Pro-Logic mode, this A/V receiver provides equal power (65 watts each) for left, right, and center channels, so the sound will track the action realistically as it moves across your TV screen. In addition to all the features of the Sony receivers above, you get more power (100 watts x 2), 7 digital Soundfields (Hall, Theater, Acoustic, etc.), switchable Pro-Logic enhancement to create a "larger-than-life" sense of space, and electronic bass and treble controls. An A/V remote control puts full Sony system control in the palm of your hand.

Item #156STRD711 List Price: $430 **YOUR PRICE: $379.95**

Features: 7 digital soundfield settings, Dolby Pro-Logic Surround, center-channel and surround amps, 2 video inputs and dubbing, audio/video remote control, 30 random AM/FM presets, electronic bass and treble, sleep timer. **Specifications:** 100 watts per channel into 8 ohms at (20-20,000 Hz) at 0.1% THD—or 65 watts x 3 channels in Pro-Logic—plus 20 watts for surround, Usable FM Sensitivity 11.2 dBf. Dimensions: 17"W x 6"H x 14"D. Warranty: 2 years.

Sony STR-D911

HOME THEATER

Sony's STR-D911 puts you in the sound engineer's seat. Choose one of its seven digital Soundfields (Dolby, Theater, Live, Hall, Dance, Simulated, and Acoustic), then adjust it to match your listening room's acoustics and your own personal preference! For music sources in 2-channel stereo (CD, tape, phono, etc.), this Sony delivers 100 watts per channel. Switch on its Dolby Pro-Logic Surround circuitry for Home Theater use, and the STR-D911 supplies 65 watts to each of the front three channels, so the sound stays consistent as it moves through the three speakers across the front of your room. You also get a total of eight audio/video inputs (the front panel video input is great for quickly connecting a camcorder or VCR), electronic bass and treble controls, and a 4/8-ohm impedance switch for matching with virtually any speaker.

Item #156STRD911 List Price: $500 **YOUR PRICE: $429.95**

Features: 7 DSP Soundfield settings with basic adjustment, Dolby Pro-Logic Surround, center-channel and surround amps, 30 random AM/FM presets, electronic bass and treble, sleep timer, 4/8-ohm impedance switch, front-panel video input. **Specifications:** 100 watts per channel into 8 ohms at (20-20,000 Hz) at 0.1% THD—or 65 watts x 3 channels in Pro-Logic—plus 25 watts for surround, Usable FM Sensitivity 11.2 dBf. Dim: 17"W x 6"H x 14"D. Warranty: 2 years.

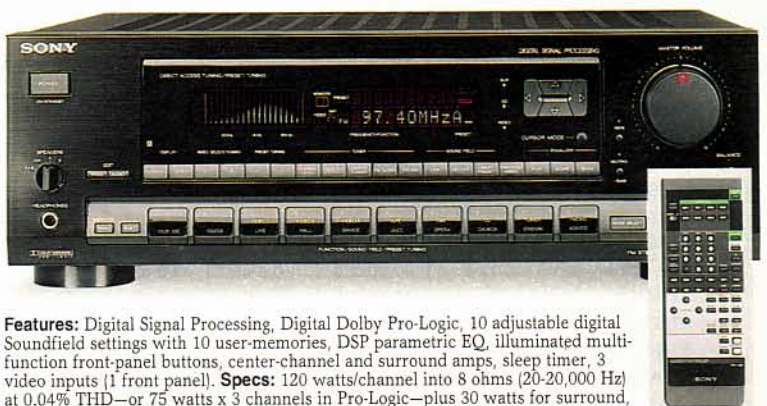
Sony STR-D1011

HOME THEATER

Here is a true digital receiver. Its Digital Signal Processing circuits convert any incoming musical signal into digital data. Then, while the signal is in digital form, you can change it in nearly limitless ways with 10 digital Soundfield effects, a DSP parametric equalizer, and adjustments for room size, reverb, etc. You can even store the settings for later use! Digital Dolby Pro-Logic Surround gives you total control of your home theater sound. Other features include 10 backlit multi-function buttons on the front panel for a cleaner look and simpler operation, plus front-panel audio/video inputs for dubbing and editing ease. The STR-D1011's 4/8-ohm impedance switch helps you get optimum performance from virtually any speaker.

Item #156STR1011 List Price: $620 **YOUR PRICE: $549.95**

Sony STR-D2090 Item #156STR2090 List: $1000 **SPECIAL: $699.95**



Features: Digital Signal Processing, Digital Dolby Pro-Logic, 10 adjustable digital Soundfield settings with 10 user-memories, DSP parametric EQ, illuminated multi-function front-panel buttons, center-channel and surround amps, sleep timer, 3 video inputs (1 front panel). **Specs:** 120 watts/channel into 8 ohms (20-20,000 Hz) at 0.04% THD—or 75 watts x 3 channels in Pro-Logic—plus 30 watts for surround, Usable FM Sens. 11.2 dBf. Dimensions: 17"W x 5⅝"H x 15½"D. Warr: 2 years.

Kenwood KR-A4040 • KR-A5040

Clean power, and plenty of it. But that's just one important benefit that these Kenwood receivers deliver. The KR-A4040 offers 50 watts per channel, with connections and front panel switching for two pairs of speakers. Tuner functions include standard and Direct Access tuning, 30 station presets, and Preset Scan for a quick tour of your favorite stations.

Item #113KRA4040 List Price: $229

YOUR PRICE: $159.95

*If you like to play it loud, the **KR-A5040** (pictured) boosts power output to 80 watts per channel to deliver cleaner sound at higher volume levels. And it adds the armchair convenience of remote control.*

Item #113KRA5040 List Price: $249 ***YOUR PRICE: $199.95***

Features: Direct Access tuning, 20 FM/10 AM random presets with Preset Scan, connections for two pairs of speakers, 4 audio inputs. KR-A5040 adds more power, more inputs (including 1 tape monitor), and remote control. **Specifications:** 50 watts per channel into 8 ohms at 0.09% THD (80 watts per channel for KR-A5040), Usable FM Sensitivity 10.8 dBf. Dimensions: 17⅜"W x 5⅛"H x 11⅜"D (13¾"D for KRA-5040). Warranty: 2 years.

Kenwood KR-A5050 • KR-V5550

Although home theater is one of our industry's latest and hottest trends, we know it's not for everyone. So does Kenwood. That's why they built the KR-A5050. No unwanted video functions to pay extra money for, just a straightforward audio receiver with a clean, solid power supply (100 watts per channel) and the features music lovers enjoy. Like Direct Access tuning with 30 station presets and Preset Scan, enough inputs to control a full audio system, and the convenience of a basic remote control.

Item #113KRA5050 List Price: $279 ***NEW LOW PRICE: $219.95***

*For video fun, the **KR-V5550** (pictured) adds Dolby Surround and 15 watts/channel for surround speakers. Other step-ups: 2 video inputs and a system remote control.*

HOME THEATER

Item #113KRV5550 List Price: $349 ***NEW LOW PRICE: $279.95***

Features: Direct Access tuning, 20 FM/10 AM random presets (20 for KR-V5550), Preset Scan, connections for two pairs of speakers, 6 audio inputs (1 tape monitor), remote control. KR-V5550 adds Dolby Surround Sound, a surround amp, 2 video inputs and outputs, and a full-function remote control. **Specifications:** 100 watts per channel into 8 ohms at 0.06% THD (KR-V5550 adds 15 watts per channel for surround), Usable FM Sensitivity 10.8 dBf. Dimensions: 17⅜"W x 5"H x 15½"D. Warranty: 2 years.

Kenwood KR-V6050

HOME THEATER

This Kenwood A/V receiver doesn't come with a humongous movie screen or over-priced popcorn, but it does supply the Dolby Pro-Logic Surround Sound circuitry you need to bring the magic of movies right into your own living room! In normal stereo, it pumps out 100 watts per channel. But when you throw a movie in your HiFi VCR and run the sound through the KR-V6050, you get 65 watts for your three front channels (right, left, and center), plus 20 watts per channel for your surround speakers. Digital delay lets you customize the sound to match your room size and listening preferences. You even get 4 Surround Sound presets and a user-friendly system remote control.

Item #113KRV6050 List Price: $449 ***NEW LOW PRICE: $349.95***

Features: Dolby Pro-Logic Surround Sound with digital delay, center-channel and surround amps, 4 Surround Sound presets, Dolby 3 Stereo, Direct Access tuning, 20 AM/FM random presets, audio/video dubbing, full-function remote control. **Specs:** 100 watts per channel into 8 ohms at 0.06% THD-or 65 watts x 3 channels in Pro-Logic mode-plus 20 watts per channel for surround. Usable FM Sensitivity 10.8 dBf. Dim: 17⅜"W x 5¾"H x 15½"D. Warr: 2 years.

Kenwood KR-V7050 • KR-V8050

HOME THEATER

Listen to Ella in an intimate Jazz Club, Whitney in an open Arena, Madonna in a pulse-pounding Disco, or Guns 'n Roses in a packed Stadium—without leaving home! With the KR-V7050's Digital Signal Processing, just close your eyes and you're there. This Kenwood also offers 100 watts per channel of super-clean power and advanced Dolby Pro-Logic Surround Sound circuitry (see KR-V6050, above) to make any audio or audio/video experience a thrill.

Item #113KRV7050 List Price: $499

NEW LOW PRICE: $399.95

*For even more power, move up to the 120-watt-per-channel **KR-V8050** (pictured). This high-performance Home Theater receiver also adds variable presence level for DSP and DSP Logic, 3 total video inputs, pre-out connections for all channels, and a programmable remote control.*

Item #113KRV8050 List Price: $599 ***NEW LOW PRICE: $499.95***

Features: Dolby Pro-Logic Surround, center-channel and surround amps, DSP, 4-mode DSP Logic, Dolby 3 Stereo, 20 AM/FM random presets, 2 video inputs, remote control. KR-V8050 adds more power, 3 total video inputs, pre-out connections for main, center and surround channels, and a programmable remote. **Specifications:** 100 watts/channel into 8 ohms at 0.06% THD —or 65 watts x 3 channels in Pro-Logic—plus 20 watts/channel for surround (120 watts/channel or 75 watts x 3 channels for KR-V8050), Usable FM Sensitivity 10.8 dBf. Dimensions: 17⅜"W x 5¾"H x 15½"D. Warr: 2 years.

Pioneer VSX-402 • VSX-452

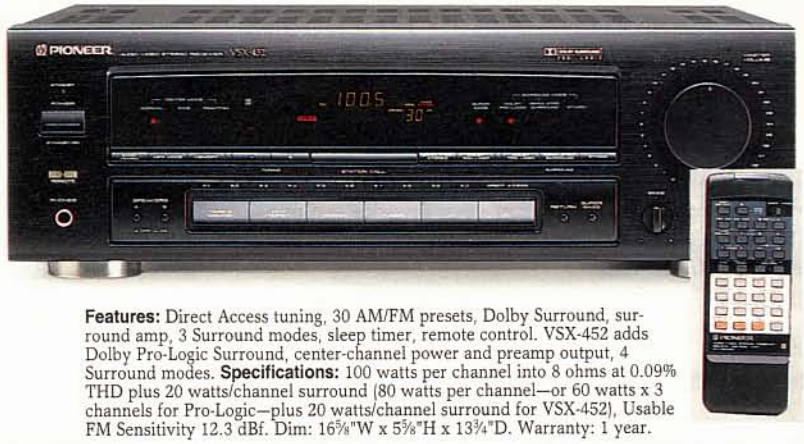
HOME THEATER

Looking for an audio/video receiver without a big price tag? Either of these Pioneers is a great choice. The VSX-402 provides a solid 100 watts per channel, it offers Dolby Surround and a built-in 20-watt amp for surround speakers to reproduce all the wrap-around excitement of video soundtracks. A Super Bass circuit lets you bump up the bass for added punch. Its AM/FM tuner includes Direct Access tuning and 30 random presets. It also offers a convenient sleep timer (30/60/90-minute selectable), and a remote control for full operation from your listening chair.

Item #130VSX402 List Price: $335 ***YOUR PRICE: $249.95***

*The 80-watt-per channel **VSX-452** (pictured) is a more advanced home theater receiver, with the cinematic magic of Dolby Pro-Logic Surround, built-in center-channel power, and 4 Surround modes.*

Item #130VSX452 List Price: $385 ***YOUR PRICE: $299.95***



Features: Direct Access tuning, 30 AM/FM presets, Dolby Surround, surround amp, 3 Surround modes, sleep timer, remote control. VSX-452 adds Dolby Pro-Logic Surround, center-channel power and preamp output, 4 Surround modes. **Specifications:** 100 watts per channel into 8 ohms at 0.09% THD plus 20 watts/channel surround (80 watts per channel—or 60 watts x 3 channels for Pro-Logic—plus 20 watts/channel surround for VSX-452), Usable FM Sensitivity 12.3 dBf. Dim: 16⅝"W x 5⅝"H x 13¾"D. Warranty: 1 year.

Pioneer VSX-502 • VSX-512S

HOME THEATER

With Dolby Pro-Logic Surround and built-in power for front, center, and surround speakers, the 100-watt-per-channel VSX-502 brings the movie theater into your living room. In Dolby Pro-Logic mode, it supplies equal power to the front three channels (70 watts each)—center-channel dialogue is distinct and clear, and left-right and front-back movement is very smooth and realistic. Video soundtracks come alive.

Item #130VSX502 List Price: $520 ***YOUR PRICE: $429.95***

*The **VSX-512S** (pictured) adds Auto Source Control for two frequently-used sources. For example, just press Auto Source One–system power is turned on and the CD player begins playing at your chosen volume level! It also adds a learning remote for programming commands from your other audio/video infrared remotes.*

Item #130VSX512S List Price: $575 ***YOUR PRICE: $479.95***

Features: Dolby Pro-Logic Surround, surround and center-channel amps plus preamp outputs, sleep timer, remote control. VSX-512S adds Auto Source Control and a learning remote. **Specs:** 100 watts per channel into 8 ohms at 0.05% THD—or 70 watts x 3 channels—plus 20 watts/channel surround, Usable FM Sensitivity 10.8 dBf. Dim: 16⅝"W x 6⅜"H x 16½"D. Warranty: 1 year.

Pioneer VSX-D602S • VSX-D702S

HOME THEATER

Dolby Pro-Logic Surround and powerful Digital Signal Processing (DSP) join forces in a surprisingly affordable package: the VSX-D602S. DSP controls the steering logic of the Dolby Pro-Logic Surround for ultra-precise delay times and localization, reproducing its 7 simulated Soundfields with super-realism. A beefy 110 watts/channel is built in for stereo, or 70 watts to each of the front three channels for Dolby Pro-Logic. Front-panel A/V inputs make quick work of connecting a camcorder or second VCR for tape editing. It's all tied together with a learning remote control.

Item #130VSXD602 List Price: $735 ***YOUR PRICE: $599.95***

*The **VSX-D702S** (pictured) adds higher-resolution S-video inputs, dual center-channel outputs, and a helpful on-screen display.*

Item #130VSXD702 List Price: $850 ***YOUR PRICE: $699.95***

Features: DSP, Dolby Pro-Logic, surround and center-channel amps, preamp outputs for all channels, 7 digital Soundfields, front-panel A/V inputs, sleep timer, Auto Source Control, learning remote. VSX-D702 adds S-video inputs, dual center outputs and on-screen display. **Specs:** 110 watts per channel into 8 ohms at 0.05% THD—or 70 watts x 3—plus 40 watts/channel surround, Usable FM Sens. 10.8 dBf. Dim: 16⅝"W x 6⅜"H x 16¼"D. Warranty: 1 year.

Pioneer VSX-D902S

HOME THEATER

The heaviest hitter in Pioneer's receiver lineup, the mighty VSX-D902S offers powerful Digital Signal Processing and Dolby Pro-Logic Surround. In Pro-Logic mode, it delivers a hefty 125 watts to each front speaker, 60 watts to the center speaker, and 50 watts to each of the surround speakers. DSP ensures that every signal source sounds impeccably clean, and enhanced DSP features inject any audio/video experience with incredible realism. You can choose from 5 different Soundfields to create an ideal listening environment. A front-panel multi-purpose Jog Dial makes operation intuitively easy. The VSX-D902S also includes a learning remote control, 6 video inputs (with S-video and front-panel), preamp outputs for all channels (including a subwoofer output), an informative on-screen display, and a split-screen video enhancer.

Item #130VSXD902 List Price: $1175 ***YOUR PRICE: $999.95***

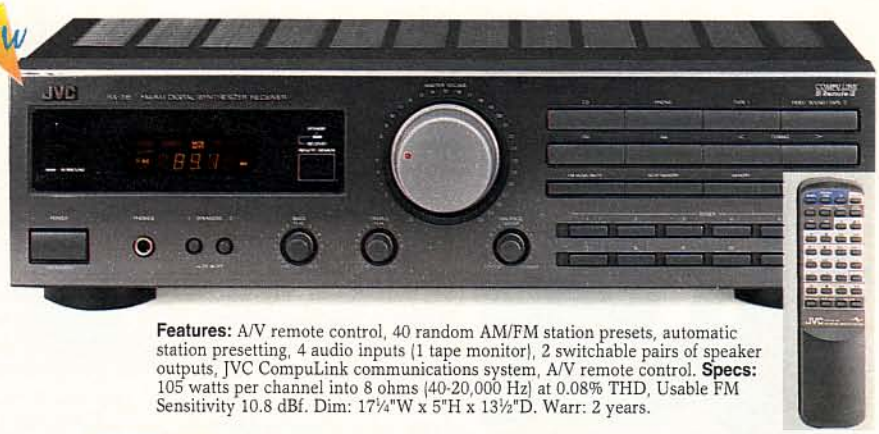
Features: Digital Signal Processing, Dolby Pro-Logic, surround and center-channel amps, preamp outputs for all channels, 5 digital Soundfields, learning remote, 6 video inputs with S-video, front-panel A/V input, split-screen enhancer, on-screen display, sleep timer. **Specs:** 125 watts/channel into 8 ohms at 0.005% THD plus 60 watts center and 50 watts/channel surround, Usable FM Sens. 10.8 dBf. Dim: 16⅝"W x 6⅜"H x 16¾"D. Warranty: 1 year.

JVC RX-315

NEW

No power shortage here. JVC's entry-level RX-315 pumps out a solid 105 watts per channel of clean power and offers conveniences that'll make your first system a joy to operate and listen to. Its digital tuner features automatic station presetting and instant memory for up to 40 of your favorite stations. And with inputs for a CD player, phono, and two tape decks (or one tape deck and video sound), the RX-315 will control your entire system. It also offers separate bass and treble controls, plus connections and switching for two pairs of speakers. And its audio/video remote puts control in the palm of your hand as you sit back in your easy chair.

Item #111RX315 List Price: $280 ***YOUR PRICE: $219.95***



Features: A/V remote control, 40 random AM/FM station presets, automatic station presetting, 4 audio inputs (1 tape monitor), 2 switchable pairs of speaker outputs, JVC CompuLink communications system, A/V remote control. **Specs:** 105 watts per channel into 8 ohms (40-20,000 Hz) at 0.08% THD, Usable FM Sensitivity 10.8 dBf. Dim: 17¼"W x 5"H x 13½"D. Warr: 2 years.

JVC RX-509V

HOME THEATER

Thinking about putting together an audio/video home theater system? JVC's 80-watt-per-channel RX-509V and a HiFi VCR or laserdisc player would be an excellent start. Along with two video inputs, the RX-509V includes Dolby Pro-Logic Surround Sound with adjustable digital delay and built-in power for your main, center-channel, and surround speakers! Movie watching will take on a new level of excitement as your video soundtracks spring to life. (You'll probably wonder how you managed so long without home theater.) The tuner adds JVC's 4-letter Name Display for assigning call letters to 20 station presets. And you get a Unified A/V remote control for operating your receiver and other JVC audio/video gear.

Item #111RX509V List Price: $380 ***YOUR PRICE: $299.95***

Features: Dolby Pro-Logic Surround, built-in center-channel and surround amps, Hall and 3-Channel Logic modes, 4-letter display for 20 stations, tape monitor, 2 video inputs with dubbing, JVC CompuLink communications system, A/V remote control. **Specifications** 80 watts/channel into 8 ohms (20-20,000 Hz) at 0.06% THD plus 20 watts center and 20 watts/channel surround, Usable FM Sensitivity 10.8 dBf. Dimensions: 17¼"W x 5⅞"H x 13½"D. Warranty: 2 years.

JVC RX-709V • RX-809V

HOME THEATER

Home theater enthusiasts will love these JVCs. The RX-709V offers 100 watts per channel of ultra-clean Dynamic Super-A power. But when you kick in its Dolby Pro-Logic Surround circuitry for video use, it divides the power equally (65 watts each) to the front three channels. You'll experience much more realistic sound as it tracks the action across your TV screen. And a computerized 7-band graphic equalizer lets you adjust the sound and compensate for room acoustics.

Item #111RX709V List Price: $520
YOUR PRICE: $399.95

*The more powerful **RX-809V** (pictured) includes a Digital Acoustics Processor with four preset Soundfields, digital processing for Dolby Pro-Logic, front-panel audio/video inputs, and a unified A/V remote with codes for other brands of VCRs and TVs.*

Item #111RX809V List Price: $650 ***YOUR PRICE: $529.95***

Features: Dolby Pro-Logic Surround, name display for 20 stations, 7-band EQ, JVC CompuLink, A/V remote control. RX-809V adds more power, Digital Acoustics Processor, front-panel A/V inputs. **Specifications:** 100 watts/channel into 8 ohms (20-20,000 Hz) at 0.007% THD—or 65 watts x 3 in Dolby Pro-Logic (120 watts x 2 or 70 x 3 for RX-809V)—plus 20 watts/channel surround, Usable FM Sensitivity 10.8 dBf. Dim: 17¼"W x 6¼"H x 15⅝"D. Warr: 2 years.

Yamaha AV-90 Surround Sound Integrated Amp • T-60 Tuner

HOME THEATER

This 100-watt-per-channel home theater integrated amp offers Dolby Pro-Logic Surround with 5-channel power and Digital Sound Field Processing. Four dramatic DSP modes (Concert Video, Mono Movie, Rock Concert, and Concert Hall) let you achieve the right acoustic environment for your program source. The AV-90 also includes inputs for a full A/V system (including video dubbing and tape monitor), and a learning remote that can be programmed to control all your A/V gear.

Item #022AV90PY List: $650 ***YOUR PRICE: $599.95***

*Yamaha's **T-60** locks in on AM/FM Stereo signals. It offers 16 random station presets, auto seek for quickly locating strong stations, and manual tuning to find weaker signals.*

Item #022T60 List Price: $179 ***YOUR PRICE: $159.95***

AV-90 Features: Digital Sound Field Processing, Dolby Pro-Logic with DSP, 4 DSP Sound Fields, auto input balance for surround, learning remote control. **Specifications:** 100 watts per channel into 8 ohms (20-20,000 Hz) at 0.08% THD plus 25 watts center and 25 watts/channel surround. Dimensions: 17⅛"W x 6"H x 11¾"D. Warranty: 2 yrs. **T-60 Specs:** Usable FM Sensitivity 9.3 dBf. Dim: 17⅛"W x 2¾"H x 9⅜"D. Warranty: 2 yrs.

Bob Carver

Bob Carver: American Innovator

All of us here are really excited to welcome Carver aboard. The components on these two pages offer sonic performance (and striking looks) that definitely sets them apart from the other fine equipment we carry. A big part of Carver's success is due to the man whose name appears on every piece of gear.

Bob Carver is an American original. He's spent the past 25 years developing radically new solutions to the problems of realistically reproducing music in the home. His string of innovations has earned him a reputation as a wizard with a soldering iron; a sort of latter-day Thomas Edison.

In 1969 he cut short his doctoral studies in physics to start his first high-end audio company. It's one you may have heard of: Phase Linear. After a decade of groundbreaking designs, mainly high-performance preamps and high-powered amplifiers, Bob sold Phase Linear and founded Carver Corporation.

The breakthroughs kept coming. Like the first Magnetic Field amplifier: a 9" cube that produced 200 watts per channel! That was followed by Sonic Holography® processing, and ACCD tuner circuitry. During the past few years, Bob has perfected "Transfer Function Modification," which allows solid state amplifiers to reproduce the warm, luscious tube amp sound prized by audiophiles. And Bob Carver knows about tube amps. His remarkable $25,000/pair Silver Seven tube amps are recognized around the world as among the very finest amps ever made.

Today, when so many folks are upgrading to Home Theater systems, Carver is right there, with a receiver and a preamp/tuner with Dolby Pro-Logic, and affordable high-powered amplifiers that deliver the full impact of music and soundtracks.

Carver Amplifiers *TFM-15cb • TFM-35 • TFM-55*

Bob Carver probably understands amplifier design better than anyone else on the planet. These three TFM-series amplifiers continue the Carver story. TFM stands for "Transfer Function Modified." An amplifier's transfer function is, in effect, its "sonic fingerprint," defining much of its sonic character. Through Transfer Function Modification, Carver found a way to give his solid state amplifiers the warm, natural sound of tube power amps. It's not magic, and it can't transform a low-quality amp into an audiophile model. But the heart of any amp is its power supply, and these three models all have superbly designed supplies (the TFM-35 & TFM-55 use Carver's super-efficient, patented Magnetic Field design). As you move up in the TFM series, each model provides a little more of that rich tube sound—and a *lot* more power. The TFM-15cb offers 100 watts per channel (140 watts into tough 4-ohm loads). The TFM-35 and TFM-55 are among the most powerful amps available anywhere, at 250 and 380 watts per channel, respectively. That's clean, continuous RMS power.

So how do these amps sound? Honey-smooth, full and sweet. You've never heard music sound this real in your home—detailed, textured, three-dimensional, alive. This much continuous and reserve power makes music flow effortlessly. It *breathes*. Dynamics are *incredible*. More than just loud. When the music calls for kick, these amps *kick*.

Imagine a Carver-powered Home Theater system.

When *Stereo Review* surveyed high-powered amplifiers, the Carver TFM-35 was the least expensive in the bunch, yet more than held its own. Julian Hirsch was impressed, saying the TFM-35, "...packs a lot of power and performance into a compact package," and "...the Carver is a clear best buy." We agree. *TFM-15cb is pictured.*

TFM-15cb Features: 2 pairs of speaker outputs (A/B). **Specifications:** 100 watts per channel into 8 ohms (20-20,000 Hz) at 0.1% THD (140 watts/channel into 4 ohms), Signal-to-Noise ratio 100 dB. Dimensions: 19"W x 4"H x 13⅞"D (with handles). Warranty: 3 years.

Item #046TFM15CB List Price: $500 ***YOUR PRICE: $469.95***

TFM-35 Features: 1 pair of speaker outputs. **Specifications:** 250 watts per channel into 8 ohms (20-20,000 Hz) at 0.5% THD (350 watts/channel into 4 ohms), Signal-to-Noise ratio 98 dB. Dimensions: 19"W x 4½"H x 14½"D (with handles). Warranty: 3 years.

Item #046TFM35 List Price: $800 ***YOUR PRICE: $749.95***

TFM-55 Features: 1 pair of speaker outputs. **Specifications:** 380 watts per channel into 8 ohms (20-20,000 Hz) at 0.5% THD (500 watts/channel into 4 ohms), Signal-to-Noise ratio 100 dB. Dim: 19"W x 4½"H x 14"D (with handles). Warranty: 3 years. Made in USA.

Item #046TFM55 List Price: $1095 ***YOUR PRICE: $999.95***

Carver Pro-Phile Series *TFM-6cb Amplifier • CT-6 Preamp/Tuner*

Carver's slim, sexy Pro-Phile components will fill your room with terrific sound without filling your shelves with bulky equipment. The TFM-6cb amplifier is Carver's most affordable model to use a modified "transfer function" to achieve the warmth and realism of tube amps. Power output is surprising for its size—65 watts per channel (110 watts per channel into 4 ohms).

Also a mere 2" tall, the matching CT-6 preamp/tuner combines a super-sensitive tuner with a full-featured preamplifier. Just add the TFM-6cb (or another Carver amp) and you'll get great sound without taking up lots of space. The tuner includes Carver's patented ACCD circuit, which drastically reduces multipath distortion so that even weak signals sound great, with unusually good stereo separation. You have 20 AM/FM station presets with Preset Scan. The preamp section provides total system control and audiophile sound quality. Despite its compact size, the CT-6's controls are actually easier to find and use than those of many receivers. There are 6 audio inputs, including 2 tape inputs, plus bass and treble, motorized volume, and a full-function remote control. Carver's Sonic Holography circuitry restores the large 3-dimensional sound image of the original performance. And here's a bonus: the instruction manual is one of the best we've ever seen.

TFM-6cb Specifications: 65 watts per channel into 8 ohms (20-20,000 Hz) at 0.1% THD (110 watts/channel into 4 ohms), Signal-to-Noise ratio 110 dB. Dim: 19"W x 2"H x 13"D (with handles). Warranty: 3 years.

Item #046TFM6CB List: $350 ***YOUR PRICE: $319.95***

CT-6 Specifications: Frequency response 20-20,000 Hz (±1dB) at 0.008% THD, Signal-to-Noise ratio 95 dB, Usable Sensitivity 14.3 dBf. Dimensions: 19"W x 2"H x 14"D (with handles). Warranty: 2 years.

Item #046CT6 List Price: $650 ***YOUR PRICE: $599.95***

Carver CT-27v
Pro-Logic Audio/Video Preamp/Tuner

If you've held off until now to make the move to Home Theater, your timing is excellent. The CT-27v's unsurpassed performance and flexibility can help you build the system of your dreams. Traditional audio/video receivers are really three components in one: tuner, control preamplifier, and power amplifier. By combining the tuner and preamp and using a *separate* amp, you avoid potential interference caused by the amp's large amounts of current. A tuner/preamp makes even more sense for Home Theater because the power needs for the main, center and surround channels are so different. The CT-27v includes Dolby Pro Logic, and provides outputs for main channels, center, surround and even subwoofer with independent level control! There are more than enough inputs for a complete system: 7 audio and 3 video (1 S-video).

Item #046CT27V List Price: $850 ***YOUR PRICE: $799.95***

Features: Dolby Pro-Logic Surround, 4 DSP-enhanced surround modes, preamp outputs for front, center & surround plus subwoofer with level control, 7 audio inputs and 3 video inputs (1 S-video), Vocal Zoom for enhancing vocal presence, EQ in/out processor loop, 30 random AM/FM presets, full function remote control. **Specifications:** Frequency Response (±0.5dB) 20-20,000 Hz, Signal-to-Noise ratio 85 dB, THD 0.05%. Dimensions: 19"W x 4½"H x 15"D (with handles). Warranty: 2 years.

Carver AV-634 *3/4-Channel Home Theater Amplifier*

With the popularity of subwoofers and Surround Sound, a lot of people are looking for more than standard 2-channel power these days. So, the amplifier specialists at Carver designed the versatile AV-634. In 4-speaker Surround Sound systems, output is 60 watts per channel of sweet, clean Carver power. For Pro-Logic systems, use the AV-634's 3-channel mode: 60 watts x 2 for surround plus 150 watts x 1 for the crucial center channel. Add an amp like Carver's TFM-15cb to drive your main speakers and you'll have a killer set-up. The built-in subwoofer crossover gives you 3 cut-off frequencies to precisely match a subwoofer with your main speakers. You won't believe the bass!

Item #046AV634 List Price: $600 ***YOUR PRICE: $569.95***

Features: 2 pairs of speaker outputs, 2 pairs of preamp inputs. **Specifications:** 60 watts x 4 channels into 8 ohms (20-20,000 Hz) at 0.15% THD, or 60 watts x 2 plus 150 x 1 into 8 ohms in 3-channel mode, Signal-to-Noise ratio 110 dB. Selectable low-pass crossover frequencies 80/100/150 Hz. Dim: 19"W x 4¼"H x 13⅞"D (with handles). Warr: 3 years.

Carver HR-875 *Pro-Logic Audio/Video Receiver*

Coming from a company known for its high performance separates, we had high expectations for Carver's HR-875 audio/video receiver. Would it have the same superb sonics and user-friendly controls? You bet! It's built for Home Theater, and in Pro-Logic mode, it's one of our most powerful receivers, with 75 watts into all three front channels, plus 35 watts to each surround speaker. The HR-875's heavy-duty power supplies help it excel at driving real-world speaker loads, which aren't always a steady 8 ohms. It can handle your entire system, with 6 inputs: 3 audio and 3 video. It has all of the usual conveniences, plus some unusual ones, like a remote control with pre-programmed codes to operate most brands of VCRs and TVs.

Item #046HR875 List Price: $850 ***YOUR PRICE: $799.95***

Features: Dolby Pro-Logic Surround, built-in amplifiers for center-channel and surround, preamp outputs for all channels, 30 AM/FM presets, 3 audio and 3 video inputs, multi-room source selector, dual-mode program timer, sleep timer, headphone output with volume and balance controls, A/V remote control.

Specifications: 75 watts x 3 channels into 8 ohms (20-20,000 Hz) at 0.09% THD plus 35 watts per channel for surround, Signal-to-Noise ratio 110 dB, Usable FM Sensitivity 13.5 dBf. Dim: 19"W x 6½"H x 15"D (with handles). Warranty: 2 years.

Complete Your Carver System!

Carver SD/A-360 *5-Disc Changer*

Bob Carver loves to tinker with things. This 5-disc carousel CD changer started out similar to many others out there, with a 1-bit D/A converter and 8-times oversampling. But after Bob waved his magic soldering iron over it, it was transformed into a model that will satisfy the most demanding listener. The SD/A-360 is designed for anyone who desires audiophile performance and multi-disc convenience. In fact, this changer is extra convenient because it allows you to change 2 CDs while one continues playing. You also get 32-track programming, 3 Repeat modes and 2 Random Play modes, and direct track access from the remote control.

Item #046SDA360 List Price: $500 ***YOUR PRICE: $449.95***

Carver TDR-1550 auto-reverse single-well cassette deck

Item #046TDR1550 List Price: $500 ***YOUR PRICE: $449.95***

Features: 5 disc carousel, 1-bit D/A converter, 8-times oversampling, 32-track programming, 2-way Random Play, 3-way Repeat, optical digital output, remote control. **Specifications:** Freq. Response (±0.5dB) 20-20,000 Hz, Signal-to-Noise ratio 100 dB. Dim: 19"W x 4"H x 14"D (with handles). Warranty: 1 year.

CD Players

From single-CD players to 100-disc changers, they'll definitely change the way you listen to music

If you like music, then you already know about CD players. So instead of talking any more about their incredible sound, let's just try to figure out which player is right for you.

Single-Play or Changer

First, do you want a single-play model or a multi-disc changer? You can get a basic single-play model without a remote control starting at around $140, while basic changers start at $180. The popularity of changers has grown to where they now out-sell single-play models by about 3-to-1.

Of course, the biggest advantage of changers is that they provide hours of uninterrupted music. And they make it easy to record custom "greatest hits" tapes with songs from several CDs.

A "6+1" CD changer has a 6-disc magazine plus a handy single disc drawer.

If you're at all concerned about changers because you remember the way record-changers plopped the records down on top of each other, don't be. CD changer mechanisms handle CDs very carefully, with absolutely no chance of disc-to-disc contact.

Carousel or Magazine

There are two basic types of changer: carousel and magazine. Each type has its advantages and disadvantages.

Carousel changers are easier to load and unload. You place the discs in the disc-holding trays which are exposed when the drawer is open, then simply rotate the platter with the touch of a button to get at the remaining trays. The discs are placed with the label side up, so you know which is which.

Magazine changers come in two basic flavors: 6-disc and 10-disc. You load this type of player by sliding the discs into the narrow slots in the magazine cartridge. A sort of subspecies is the "6+1" changer, which has a 6-disc magazine and a separate single-disc drawer. If you already have—or plan to add—a CD changer in your car audio system, you need to decide how important it is to have the same magazine in your home and car player. Only magazine changers are available for the car.

And now... 100-Disc Capability!

If you own a lot of CDs and frequently find yourself searching through stacks of jewel boxes to locate a particular disc, a 100-disc changer may be the option for you. Your discs can be loaded and stored right in the changer. Then it's easy to search for and program your listening selections. These changers even let you categorize your CDs by type of music (rock, jazz, country, classical) or artist (all Grateful Dead, Rolling Stones, etc.), or group each family member's personal favorites!

What to Look For

Number of Program Tracks

All of our CD players allow you to program a sequence of songs for playback in any order.

Direct Track Access

Just push a button for instant access to any song on a disc. To hear track 7, just push "7".

Program Delete

While standard programming lets you select only the songs you want to hear, Program Delete takes a shortcut—allowing you to simply delete the songs you *don't* want to hear.

Random Play

Tired of hearing songs in the same order? Random Play allows the machine to select the order of playback. With non-repeating Random Play, once a song is played, it won't be repeated until all other songs are played.

Variable Line Outputs

If your CD player is connected to a non-remote-controlled receiver, the variable line outputs provide remote volume control for the CD player.

Frequency Response

CD players are capable of accurately reproducing a range of frequencies wider than that of human hearing (20-20,000 Hz).

Dynamic Range

A CD player can reproduce the very wide range of sound levels you hear in live music, from the softest violin to the power of a full orchestra. The absence of background noise and the fact that digital recordings don't require signal compression help make this possible.

Easy Listening

Whichever design you choose, you'll find that a CD player is almost certainly the easiest audio component to use. Because sequence and tracking information is encoded on each CD right along with the music, the player always knows its precise position on a disc and is able to locate and jump to the beginning of any other song instantly. Playing only the songs you like and skipping over the ones you don't like is unbelievably easy.

If you're putting together an audio/video system, you may want to consider a "combi-player" that can play both compact discs and video laserdiscs (see page 123).

Sony CDP-CX100 *(see page 97)*

CD Player Features

	Multi-Disc	Number of Program Tracks	Permanent Program Memory	Direct Track Access	Program Delete	Random Play	Headphone Volume Control	Digital Output	Remote Control	Variable Line Outputs
Carver SD/A-360	5	32		remote only		✔		optical	✔	
JVC XL-V161		32		✔	✔	non-repeating	✔			
JVC XL-V261		32		✔	✔	non-repeating	✔		✔	
JVC XL-M409	6+1	32		remote only	✔	non-repeating			✔	
JVC XL-M509	6+1	32	156 discs	✔	✔	non-repeating	✔	optical	✔	
JVC XL-F211	5	32		remote only		non-repeating	✔		✔	
JVC XL-MC100	100	32	10 files	✔	✔	✔	✔		✔	
Kenwood DP-R4450	5	20		remote only		✔	✔		✔	
Kenwood DP-M5550	6+1	20		✔		✔			✔	
Kenwood DP-M6650	6+1	20	8 mags	✔		✔	✔		✔	
Pioneer PD-M502	6	32			✔	non-repeating				
Pioneer PD-M552	6	32			✔	non-repeating			✔	remote only
Pioneer PD-M702	6	32		✔	✔	non-repeating	✔		✔	remote only
Pioneer PD-DM802	12	40		✔	✔	non-repeating	✔		✔	remote only
Pioneer PD-TM3	18	48		✔	✔	non-repeating	✔		✔	remote only
Sony CDP-211		24		✔		non-repeating	✔			
Sony CDP-311		24		✔		non-repeating	✔		✔	
Sony CDP-C235	5	32		✔		non-repeating				
Sony CDP-C335	5	32		✔		non-repeating	✔		✔	
Sony CDP-C435	5	32		✔	✔	non-repeating	✔		✔	✔
Sony CDP-C535	5	32		✔	✔	non-repeating	✔		✔	✔
Sony CDP-C735	5	32	184 discs	✔		non-repeating	✔	optical	✔	✔
Sony CDP-C910	10	32	184 discs	✔		non-repeating	✔	optical	✔	✔
Sony CDP-CX100	100	32	184 discs	✔	✔	non-repeating	✔	optical	✔	✔
Yamaha CDC-96	5	20		remote only		✔	✔		✔	✔

CD Player Specifications

	Frequency Response	Total Harmonic Distortion	Signal-to-Noise Ratio	Dynamic Range	Oversampling	Dimensions	Warranty	List Price	Your Price
Carver SD/A-360	20-20,000 Hz	0.004%	100 dB	90 dB	8X	19"W x 4"H x 16¾"D (with handles)	1 year	$500	$449.95
JVC XL-V161	2-20,000 Hz	0.0025%	106 dB	98 dB	8X	17⅛"W x 4"H x 11¾"D	1 year	$200	$139.95
JVC XL-V261	2-20,000 Hz	0.0025%	106 dB	98 dB	8X	17⅛"W x 4"H x 11¾"D	1 year	$220	$159.95
JVC XL-M409	2-20,000 Hz	0.002%	107 dB	99 dB	8X	17¼"W x 5⅛"H x12⅝"D	1 year	$330	$249.95
JVC XL-M509	2-20,000 Hz	0.002%	107 dB	99 dB	8X	17¼"W x 5⅛"H x12⅝"D	1 year	$400	$329.95
JVC XL-F211	2-20,000 Hz	0.0025%	106 dB	98 dB	4X	17⅛"W x 5⅛"H x 16"D	1 year	$320	$229.95
JVC XL-MC100	2-20,000 Hz	0.0025%	102 dB	98 dB	8X	17¼"W x 4⅜"H x 11½"D (controller)	1 year	$1,100	$799.95
Kenwood DP-R4450	4-20,000 Hz	0.008%	96 dB	94 dB	8X	17⅜"W x 4⅞"H x 16⅜"D	1 year	$279	$219.95
Kenwood DP-M5550	8-20,000 Hz	0.005%	96 dB	94 dB	8X	18"W x 4⅞"H x 14¼"D	1 year	$299	$219.95
Kenwood DP-M6650	8-20,000 Hz	0.005%	96 dB	94 dB	8X	18"W x 4⅞"H x 14¼"D	1 year	$329	$249.95
Pioneer PD-M502	2-20,000 Hz	0.003%	98 dB	96 dB	8X	16⅝"W x 4⅛"H x 12½"D	1 year	$260	$179.95
Pioneer PD-M552	2-20,000 Hz	0.003%	98 dB	96 dB	8X	16⅝"W x 4⅛"H x 12½"D	1 year	$275	$199.95
Pioneer PD-M702	2-20,000 Hz	0.003%	102 dB	96 dB	8X	16⅝"W x 4⅛"H x 12½"D	1 year	$300	$249.95
Pioneer PD-DM802	2-20,000 Hz	0.003%	102 dB	96 dB	8X	16⅝"W x 5½"H x 12½"D	1 year	$375	$329.95
Pioneer PD-TM3	2-20,000 Hz	0.003%	102 dB	96 dB	8X	16⅝"W x 7"H x 13½"D	1 year	$520	$429.95
Sony CDP-211	2-20,000 Hz	0.004%	100 dB	98 dB	8X	17"W x 4"H x 12"D	1 year	$180	$139.95
Sony CDP-311	2-20,000 Hz	0.004%	100 dB	98 dB	8X	17"W x 4"H x 12"D	1 year	$200	$159.95
Sony CDP-C235	2-20,000 Hz	0.0045%	102 dB	98 dB	8X	17"W x 5"H x 16½"D	1 year	$250	$199.95
Sony CDP-C335	2-20,000 Hz	0.0045%	102 dB	98 dB	8X	17"W x 5"H x 16½"D	1 year	$280	$229.95
Sony CDP-C435	2-20,000 Hz	0.0035%	107 dB	98 dB	8X	17"W x 4¾"H x 16½"D	1 year	$330	$269.95
Sony CDP-C535	2-20,000 Hz	0.0035%	107 dB	98 dB	8X	17"W x 4¾"H x 16½"D	1 year	$350	$299.95
Sony CDP-C735	2-20,000 Hz	0.0025%	116 dB	100 dB	8X	17¼"W x 5"H x 15⅛"D	1 year	$430	$379.95
Sony CDP-C910	2-20,000 Hz	0.003%	110 dB	100 dB	8X	17"W x 4⅞"x 14¾"D	1 year	$480	$429.95
Sony CDP-CX100	2-20,000 Hz	0.0025%	116 dB	100 dB	8X	17"W x 10½"H x 18⅝"D	1 year	$1,200	$999.95
Yamaha CDC-96	2-20,000 Hz	0.003%	110 dB	98 dB	8X	17⅛"W x 4¼"H x 14¼"D	1 year	–	$299.95

Need help choosing the CD player that best suits your needs? Give us a call at 1-800-955-3000.

Sony CDP-211 • CDP-311

Don't let the price fool you. With an 8-times oversampling digital filter and 1-bit D/A converter system, Sony's CDP-211 makes no compromise on crystal-clear CD sound. It also provides the conveniences that make CD players so easy to enjoy: 24-track programming, Repeat, and random Shuffle Play for a new song order every time. Although there's no remote control included, the CDP-211 is remote compatible with recent Sony receivers. With the adjustable headphone output, all you need is a pair of headphones for some great personal listening. *CDP-211 is pictured.*

Item #156CDP211 List Price: $180 ***YOUR PRICE: $139.95***

*The **CDP-311** adds its own remote control with direct track access.*

Item #156CDP311 List Price: $200 ***YOUR PRICE: $159.95***

Features: 8-times oversampling 18-bit digital filter, 1-bit D/A converter, Digital Servo Control, 10-key direct track access, 20-track music calendar display, Shuffle Play, Repeat, Peak Level Search, Time Edit, headphone output with volume control. CDP-311 adds remote control with direct track access. **Specifications:** Frequency Response (±0.5dB) 2-20,000 Hz, Signal-to-Noise ratio 100 dB. Dimensions: 17"W x 4"H x 12"D. Warranty: 1 year.

Sony CDP-C235 • CDP-C335

Sony's new CD Exchange feature makes using their latest 5-disc carousel changers super-convenient—it lets you change 4 CDs *while the fifth continues playing!* Just press a button. The CDP-C235's carousel drawer opens halfway to expose 2 CD slots. Touch a button and the platter rotates for access to 2 more slots. Close the drawer and you're done. And the music just keeps playing, sounding great thanks to an 8-times oversampling 18-bit digital filter and high-speed D/A converter system. Other features include 32-track programming, direct track access, random Shuffle Play and Repeat.

Item #156CDPC235 List Price: $250 ***YOUR PRICE: $199.95***

*The **CDP-C335** (pictured) adds its own remote control with direct track access, plus a headphone output with volume control.*

Item #156CDPC335 List Price: $280 ***YOUR PRICE: $229.95***

Features: 5-disc carousel with CD Exchange, 1-bit D/A converter, 8-times oversampling 18-bit digital filter, 32-track programming, direct track access, 20-track music calendar, Peak Level Search, Shuffle Play, Repeat, 2-way Edit, Music Scan, remote compatible with Sony receivers. The CDP-C335 adds remote control, direct track access from unit's front panel and remote, headphone output with volume control. **Specifications:** Frequency Response (±0.5dB) 2-20,000 Hz, Signal-to-Noise ratio 102 dB. Dimensions: 17"W x 5"H x 16½"D. Warranty: 1 year.

Sony CDP-C435 • CDP-C535

The CDP-C435 5-disc carousel changer takes custom programming to an all-new high. You can delete the songs you don't want to hear on up to 400 discs and store that information in the player's memory. You can even program your preferred volume level for up to 400 discs! Plus, you'll enjoy Sony's CD Exchange feature (see description above), as well as other conveniences like 32-track programming, direct track access, random Shuffle Play, and Repeat. The CDP-C435 also offers variable line output, so you'll have volume control from the CD player's remote control.

Item #156CDPC435 List Price: $330 ***YOUR PRICE: $269.95***

*The **CDP-C535** (pictured) adds Digital Signal Processing with 5 Soundfield settings and DSP memory for up to 400 discs.*

Item #156CDPC535 List Price: $350 ***YOUR PRICE: $299.95***

Features: 5-disc carousel with CD Exchange, 1-bit D/A converter, 8-times oversampling, 400-disc Delete File, 400-disc Level File, 32-track programming, direct track access from front panel and remote, 20-track music calendar, Peak Level Search, Shuffle Play, Repeat, 2-way Edit, Music Scan, headphone output with volume control, variable line output. The CDP-C535 adds 5 DSP Soundfields and 400-disc DSP memory. **Specifications:** Frequency Response (±0.5dB) 2-20,000 Hz, Signal-to-Noise ratio 102 dB. Dimensions: 17"W x 4¾"H x 16½"D. Warranty: 1 year.

Sony CDP-C735

Take your CD listening to new sonic heights with Sony's exciting CDP-C735 5-disc carousel changer. It includes powerful Digital Signal Processing (DSP) circuitry to generate cool reverb and equalization effects. There are 7 Soundfield presets (Hall, Church, Jazz Club, Stadium, Dance, Live Room, Soft) for selecting your preferred listening environment, and Custom File permanent memory for assigning preferred settings to specific CDs! Even listening without any DSP enhancements is a treat thanks to Sony's state-of-the-art 8-output D/A converter. All the standard playback and Edit features are included: 32-track programming, Repeat, random Shuffle Play, Peak Level Search, and Custom Edit. The CDP-C735's full-featured remote includes direct track access and volume adjustment.

Item #156CDPC735 List Price: $430 ***YOUR PRICE: $379.95***

Features: 5-disc carousel, 8-output 1-bit D/A converter, 8-times oversampling 45-bit digital filter, DSP for EQ and reverb, 7 DSP Soundfields, Custom File (for DSP, volume, program, memo), 32-track programming, direct track access from front panel and remote, 20-track music calendar, Peak Level Search, Shuffle Play, Repeat, 2-way Edit, Music Scan, remote volume control, headphone output with volume control. **Specifications:** Frequency Response (±0.5dB) 2-20,000 Hz, Signal-to-Noise ratio 116 dB. Dimensions: 17¼"W x 5"H x 15⅛"D. Warranty: 1 year.

Sony CDP-C910

Extra 10-disc Magazine Included FREE (a $29.95 Value)!

With Sony's 10-disc CDP-C910 supplying the tunes, the party can go on and on and on... An entire music library is at your fingertips, with disc and track select from the wireless remote, plus 7-way Repeat and random Shuffle Play. Program up to 32 tracks on any of 10 discs for playback in any order you choose. Custom File lets you store in memory a multi-song program sequence, custom volume level, and a display message or label for as many as 184 discs! The CDP-C910 uses the same disc magazine as Sony's car DiscJockey, so it's easy to enjoy the same uninterrupted listening at home or on the road. *Extra 10-disc magazine included free!*

Item #700CDPC910 List Price: $480 ***YOUR PRICE: $429.95***

Extra 10-disc magazine Item #156XA10B ***$29.95***

Features: 10-disc magazine, 1-bit D/A converter, 8-times oversampling, 32-track programming, 184-disc Custom File memory, 7-way Repeat, Shuffle Play, 3-way Custom Edit, headphone output with level control, optical digital output, remote with volume control. **Specifications:** Frequency Response (±1dB) 2-20,000 Hz, Signal-to-Noise ratio 110 dB. Dimensions: 17"W x 4⅞"H x 14¾"D. Warr: 1 year.

Sony CDP-CX100 *100-Disc Changer*

A "jukebox" player for your CD collection! Sony's CDP-CX100 holds up to 100 discs, so you'll never have to search through stacks of CDs again! For quick, easy access to your favorite music, just spin its jog shuttle dial—the front panel displays the title of every CD you've personally named with Custom File programming. (The remote control also features a jog shuttle for easy armchair access.) The Groupfile feature lets you group your CDs in up to 10 different categories. Put all your jazz CDs together, all of your rock, all of your favorite dance music—however you want to group them for playback. You can put a CD in as many different groups as you like, and each group can contain as many CDs as you want. And of course you can enjoy hours of uninterrupted music, and shuffle the songs on all 100 discs for a surprise mix of tunes. The CDP-CX100 includes an album with plastic sleeves for storing CD liner notes!

Item #156CDPX100 List Price: $1200 ***YOUR PRICE: $999.95***

Features: 100-disc "jukebox" changer, Custom File program memory, Groupfile, random Shuffle Play, jog/shuttle disc access from front panel and remote, optical digital output. **Specifications:** Frequency Response (±0.3dB) 2-20,000 Hz, Signal-to-Noise ratio 116 dB. Dimensions: 17"W x 10½"H x 18⅝"D. Warranty: 1 year.

Kenwood DP-R4450

For ease of use and convenience, lots of folks choose Kenwood's 5-disc carousel-style changer. There are no magazines to load, and it's easy to see the CD labels in the tray. And with logic circuitry to pick the shortest route between two songs, disc-to-disc access is a bit faster than with magazine-style changers. The DP-R4450 includes a 1-bit D/A converter and 8-times oversampling digital filter for silky-smooth, distortion-free CD sound. And it provides up to six hours of uninterrupted listening pleasure, playing both full-size CDs and 3" CD singles. Programming for 20 tracks gives you made-to-order playback, or you can let the player surprise you with a random mix of songs. The front panel's music calendar display makes it easy to program song selections by remote.

Item #113DPR4450 List Price: $279 ***NEW LOW PRICE: $219.95***

Features: 5-disc carousel changer, 1-bit D/A converter, 8-times oversampling digital filter, high-speed CD-to-cassette dubbing, Computer-Controlled CD Recording System, 20-track programming, Repeat, Random Play, remote control, 2-way Edit, headphone output with volume control **Specifications:** Frequency Response (±1dB) 4-20,000 Hz, Signal-to-Noise ratio 96 dB. Dimensions: 17⅞"W x 4⅞"H x 16⅜"D. Warranty: 1 year.

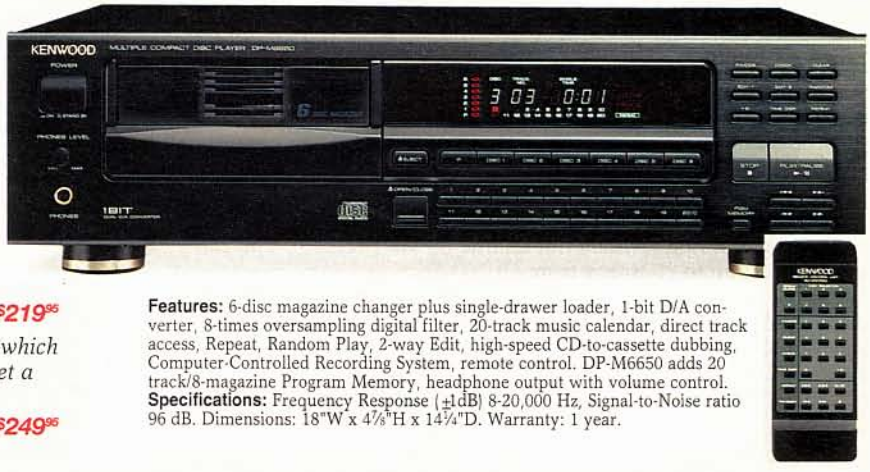
Kenwood DP-M5550 • DP-M6650

Kenwood's 6+1 changers offer the best of both worlds: the long-play and convenient storage of a 6-disc magazine, plus the simplicity and easy access of a single-disc drawer! The DP-M5550 includes Kenwood's latest 1-bit D/A converter and Digital Pulse Axis Control, which reduces jitter in the data-stream for more focused imaging and tighter bass. It features 20-track programming, direct track access, Repeat and Random Play, as well as 2 Edit modes and high-speed CD-to-tape recording with a Kenwood cassette deck and receiver.

Item #113DPM5550 List Price: $299 ***NEW LOW PRICE: $219.95***

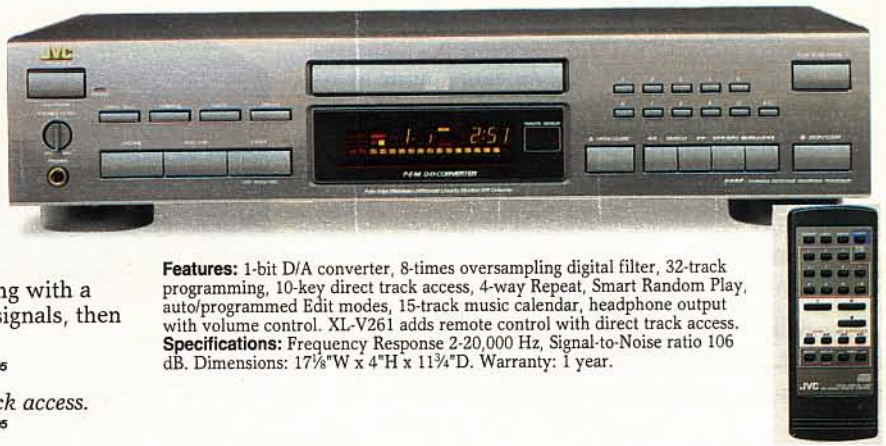
*The **DP-M6650** (pictured) adds Magazine Program Memory, which remembers up to 20 songs from up to 8 magazines. You also get a headphone output with volume control for private listening.*

Item #113DPM6650 List Price: $329 ***NEW LOW PRICE: $249.95***



Features: 6-disc magazine changer plus single-drawer loader, 1-bit D/A converter, 8-times oversampling digital filter, 20-track music calendar, direct track access, Repeat, Random Play, 2-way Edit, high-speed CD-to-cassette dubbing, Computer-Controlled Recording System, remote control. DP-M6650 adds 20 track/8-magazine Program Memory, headphone output with volume control. **Specifications:** Frequency Response (±1dB) 8-20,000 Hz, Signal-to-Noise ratio 96 dB. Dimensions: 18"W x 4⅞"H x 14¾"D. Warranty: 1 year.

JVC XL-V161 • XL-V261



These JVC CD players look and sound as good as (or even better than) many models costing a lot more. The XL-V161 reproduces your recordings' subtle details thanks to JVC's latest digital circuitry: a 1-bit D/A converter and 8-times oversampling digital filter. Conveniences include direct track access and 32-track programming, "Smart" Random Play so it won't play the same track twice, and Delete Random Play for tracks you don't want to hear during Random Play. The Dynamics Detection Recording Processor simplifies recording with a compatible JVC deck by scanning each CD for the peak signals, then adjusting the deck's recording level.

Item #111XLV161 List Price: $200 **YOUR PRICE: $139.95**

*The **XL-V261** (pictured) adds remote control with direct track access.*

Item #111XLV261 List Price: $220 **YOUR PRICE: $159.95**

Features: 1-bit D/A converter, 8-times oversampling digital filter, 32-track programming, 10-key direct track access, 4-way Repeat, Smart Random Play, auto/programmed Edit modes, 15-track music calendar, headphone output with volume control. XL-V261 adds remote control with direct track access. **Specifications:** Frequency Response 2-20,000 Hz, Signal-to-Noise ratio 106 dB. Dimensions: 17⅛"W x 4"H x 11¾"D. Warranty: 1 year.

JVC XL-F211

NEW

A major appeal of 5-disc motorized carousel changers is that there are no disc magazines to fiddle with, just 5 CDs loaded label-side-up—easy to find and easy to enjoy. JVC's handsome new XL-F211 offers the musical accuracy of their latest 1-bit digital decoding circuitry, and the user-conveniences that make CD changers so popular. We've found that programming is used much more with multi-disc changers, both for listening and recording, and JVC's system gives you extra flexibility. You can program up to 32 "steps": each step can be a single track or an entire disc. You also get non-repeating Smart Random Play and two Repeat modes. The remote control includes direct track access for discs and tracks.

Item #111XLF211 List Price: $320 **YOUR PRICE: $229.95**

Features: 5-disc carousel changer, 1-bit D/A converter, 8-times oversampling, 32-track programming, 15-track music calendar display, Continuous Play, Random Play, 2-way Repeat, headphone output with volume control, remote control with direct track access. **Specifications:** Frequency Response 2-20,000 Hz, Signal-to-Noise ratio 106 dB. Dimensions: 17¼"W x 5"H x 15⅜"D. Warranty: 1 year.

JVC XL-M409 • XL-M509

Listen to one CD, six, or all seven in a row—these JVCs, each with a 6-disc magazine changer and a single-disc drawer, can easily handle all of your disc-playing needs! Whether you want hours of uninterrupted listening or the quick convenience of popping in a single CD, the XL-M409 can oblige. And features like programming of up to 32 "steps" (tracks and discs), Smart Random Play, and 4-way Repeat add to your enjoyment by playing songs any way you want them or in completely random, non-repeating order.

Item #111XLM409 List: $330 **YOUR PRICE: $249.95**

*The **XLM-509** (pictured) adds a better remote control with LCD readout and alphanumeric keyboard, disc title memory bank (6 discs x 26 magazines), direct disc/track access from the front panel and remote, a headphone output with volume control, and an optical digital output.*

Item #111XLM509 List Price: $400 **YOUR PRICE: $329.95**

Features: 6-disc magazine plus single-disc drawer, 1-bit D/A converter, 8-times oversampling, 32-step programming, 4-way Repeat, Smart Random Play, 15-track music calendar, 2-way magazine Edit, headphone output, remote control with direct disc/track access. XL-M509 adds remote with LCD readout, disc title memory bank, direct disc/track access from front panel and remote, headphone output with volume control, optical digital output. **Specifications:** Frequency Response 2-20,000 Hz,, Signal-to-Noise ratio 107 dB. Dimensions: 17¼"W x 5⅛"H x 12⅝"D. Warranty: 1 year.

JVC XL-MC100 *100-Disc Changer*

Sure, you'll love the fact that the XL-MC100 stores and plays up to 100 discs (no more misplaced CDs or frantic searches through stacks of jewel boxes). But this JVC does a lot more, too. With the User File feature, you can create a total of 10 "files," each with up to 16 discs, classified by type of music or by listener—a great way to organize all of your jazz, or rock, or for each family member to group his or her personal favorites! You can title each CD with up to 8 characters for display on the remote control's LCD panel, and even search for a CD by entering the first character of its title on your remote. You can also "delete" up to 20 tracks from all 100 discs so you're guaranteed not to hear those songs you don't like. Other playback conveniences include 32-track/disc programming, Intro Scan, Random Play and 3-way Repeat. You also get a booklet with transparent sleeves for storing your CD liner notes!

Item #111XLMC100 List Price: $1100 **SALE: $799.95**

Features: 100-disc changer, 1-bit D/A conversion system, 8-times oversampling, User File, Delete File, Disc Title Memory Bank, Disc Search, Title Search, 32-track/disc programming, Intro Scan, Random Play, 3-way Repeat, remote control with 8-character LCD panel, CD Booklet File, JVC CompuLink compatible. **Specifications:** Frequency Response 2-20,000 Hz, Signal-to-Noise ratio 102 dB. Dimensions: (controller unit) 17¼"W x 4⅛"H x 11½"D, (CD transport/storage unit) 14¼"W x 14½"H x 14¼"D. Warr: 1 year.

NEW

Pioneer PD-M502 • PD-M552

These affordable Pioneer 6-disc magazine changers will supply you with endless hours of terrific-sounding music. The PD-M502 features Program Play for up to 32 tracks from each CD or 6-disc magazine, 2-way Random Play (normal and delete), and Repeat. Programmed and deleted tracks are kept in memory as long as the magazine is loaded. And Pioneer's CD-Deck Synchro feature and two Edit modes simplify dubbing CDs with a late model Pioneer cassette deck.

Item #130PDM502 List Price: $260 ***YOUR PRICE: $179.95***

*The **PD-M552** (pictured) adds the easy-chair convenience of remote control, including volume adjustment.*

Item #130PDM552 List Price: $275 ***YOUR PRICE: $199.95***

Features: 6-disc magazine changer, 1-bit D/A converter, 8-times oversampling, 32-track programming, Magazine Hi-Lite Scan, 2-way Edit, Repeat, Random Play, Deck Synchro, Automatic Digital Level Control. PD-M552 adds remote with volume control. **Specifications:** Frequency Response 2-20,000 Hz, Signal-to-Noise ratio 98 dB. Dimensions: 16⅝"W x 4⅛"H x 12½"D. Warranty: 1 year.

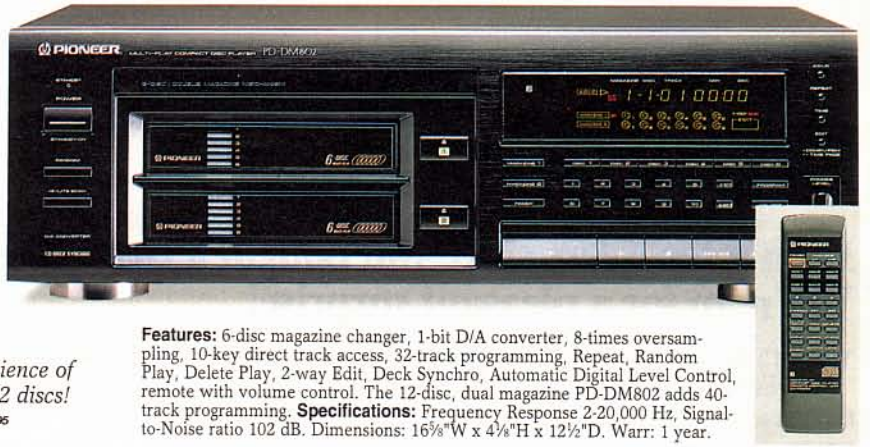
Pioneer PD-M702 • PD-DM802

For direct disc and track access from the player's front panel or remote control, step up to Pioneer's PD-M702 6-disc magazine changer. It also adds a headphone output with a separate volume control, and delivers superb Pioneer sound, thanks to a 1-bit D/A converter and 8-times oversampling. Its Automatic Digital Level Control ensures that you'll hear every CD at the same volume level. Other conveniences include 32-track programming, Repeat, Random Play, Delete Play (for selecting the songs you *don't* want to hear), and Magazine Hi-Lite Scan.

Item #130PDM702 List Price: $300 ***YOUR PRICE: $249.95***

*The **PD-DM802** (pictured) supplies the extra long-play convenience of dual 6-disc magazines and offers 40-track programming from 12 discs!*

Item #130PDDM802 List Price: $375 ***YOUR PRICE: $329.95***



Features: 6-disc magazine changer, 1-bit D/A converter, 8-times oversampling, 10-key direct track access, 32-track programming, Repeat, Random Play, Delete Play, 2-way Edit, Deck Synchro, Automatic Digital Level Control, remote with volume control. The 12-disc, dual magazine PD-DM802 adds 40-track programming. **Specifications:** Frequency Response 2-20,000 Hz, Signal-to-Noise ratio 102 dB. Dimensions: 16⅝"W x 4⅛"H x 12½"D. Warr: 1 year.

Pioneer PD-TM3 *18-disc Changer*

Load three 6-disc magazines into Pioneer's PD-TM3 and get ready for a music marathon! You'll enjoy continuous, random, or programmed play (up to 48 tracks) of all 18 discs. The PD-TM3's Digital Signal Processor gives you five different ambience settings to choose from: Jazz, Church, Dance, Hall, and Stadium. And the PD-TM3 includes a 1-bit D/A converter and 8-times oversampling digital filter for dynamically rich CD sound. Other features include Magazine Hi-Lite Scan for a brief sample of each song on all 18 discs, Delete Play to eliminate up to 32 songs you don't care to hear, Memory Hold and Last Disc Memory. Three 6-disc magazines included.

Item #130PDTM3 List Price: $520
YOUR PRICE: $429.95

Extra 6-disc Magazine 3-pack Item #130JDM300K ***$29.95***

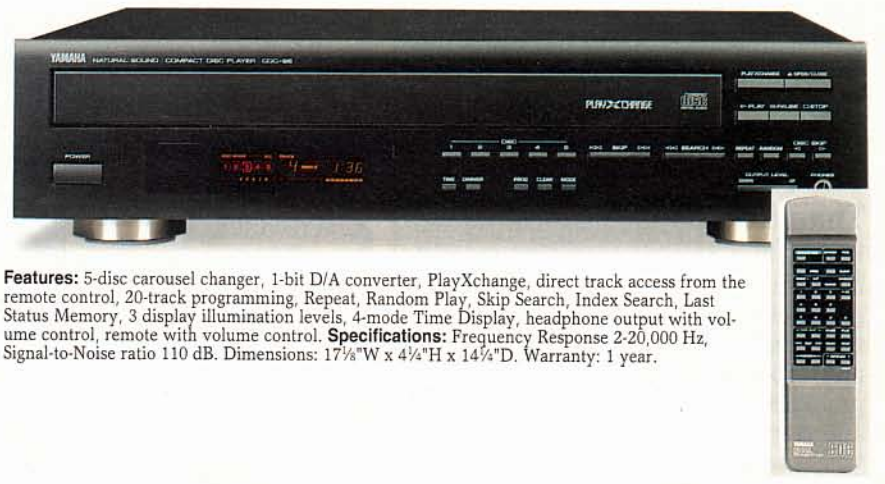
Single-disc Magazine Item #130JDS100 ***$14.95***

Features: 18-disc changer, 1-bit D/A converter, 8-times oversampling, Digital Signal Processing, 5 DSP modes, direct track access, 48-track programming, Automatic Digital Level Control, Magazine Hi-Lite Scan, Edit, Repeat, Random Play, Delete Play, Deck Synchro, headphone output with volume control, remote with volume control. **Specifications:** Frequency Response 2-20,000 Hz, Signal-to-Noise ratio 102 dB. Dimensions: 16⅝"W x 7"H x 13½"D. Warranty: 1 year.

Yamaha CDC-96

Yamaha, one of the world's leading manufacturers of musical instruments, makes no compromises when it comes to musical accuracy. Just feeling the sturdy construction of their CDC-96, and hearing its gorgeous sound is enough to convince any skeptic. This 5-disc carousel changer offers Yamaha's PlayXchange feature for uninterrupted listening: Just press a button and the disc tray glides out to expose four discs, while the fifth keeps playing! The CDC-96 also includes direct track access from its remote control, 20-track programming, Random Play, Repeat, Index Search, Skip Search, and a headphone output with volume control. You can choose from 4 time display modes (total/total remaining/single/single remaining) and 3 display illumination levels (full/half/dim). Last Status Memory recalls your previous settings when the power is turned on.

Item #022CDC96 ***YOUR PRICE: $299.95***



Features: 5-disc carousel changer, 1-bit D/A converter, PlayXchange, direct track access from the remote control, 20-track programming, Repeat, Random Play, Skip Search, Index Search, Last Status Memory, 3 display illumination levels, 4-mode Time Display, headphone output with volume control, remote with volume control. **Specifications:** Frequency Response 2-20,000 Hz, Signal-to-Noise ratio 110 dB. Dimensions: 17⅛"W x 4¼"H x 14¼"D. Warranty: 1 year.

Cassette Decks

Been a few years since you bought a cassette deck? You're in for a pleasant surprise!

With all that's happened in audio in recent years, more people still listen to cassettes than any other form of music. You can record your favorite music and enjoy it at home, in your car, or on the go with a Walkman or portable stereo.

Basic decks start as low as $170, but most of our customers find the features and performance they're looking for in the $200-$350 range. To make comparisons between models easier, the charts on the next page list the important features and specifications for all the decks we carry.

Single Decks: The Performance Choice

If you want to make the best-sounding copies of your CDs, records, radio shows and other sources, we recommend choosing the best single-well deck that fits your budget. They usually perform a little better than comparably priced dubbing decks, with less Wow and Flutter (a wobbly effect in the music caused by uneven tape speed).

Three Heads Are Better Than Two

For the best possible recording and playback accuracy (and especially for live recording), consider a deck with three tape heads. This 3-head design (with individual record, play, and erase heads) provides the best frequency response and allows you to monitor the music as you record so you can listen and compare the recording to the source and fine-tune the recording and bias levels.

Dubbing Decks: Convenient Cassette Copies – In Half the Time

Dual-deck models, often called "dubbing decks," hold two cassettes in separate mechanisms, each with its own motors, tape heads, and noise reduction. Although you can use it just like a standard deck to record off CD, FM, etc., the main advantage of a dubbing deck is that it's very easy to copy from one tape to another. Dubbing decks include special features that make copying cassettes very quick and easy. Besides copying at normal speed, you can select a high-speed mode which cuts copying time in half.

You can also play two tapes, one after the other, non-stop. Top-notch models like Kenwood's KX-W8050 have two auto-reverse record/play transports that let you record four sides non-stop, or make two identical recordings simultaneously!

What to Look For

Number of Heads

Two numbers indicates a dubbing deck. A "1" means Play-only; "2" means a combination Play/Record head is used; "3" means separate Play, Record, and Erase heads.

Noise Reduction

These systems reduce tape hiss and background noise. Dolby B removes high-frequency hiss only, while Dolby C works over a wider range. B & C are standard on all but the most basic decks. Dolby S, the newest and most powerful system, is found on mid- to high-priced decks. HX Pro is not really noise reduction, but improves a deck's ability to record high-frequency signals without distortion.

Auto Reverse

Plays (and records on some models) both sides of a tape without you having to take it out and flip it over. Because the mechanism can change directions, you can switch sides anytime with the touch of a button.

Music Search

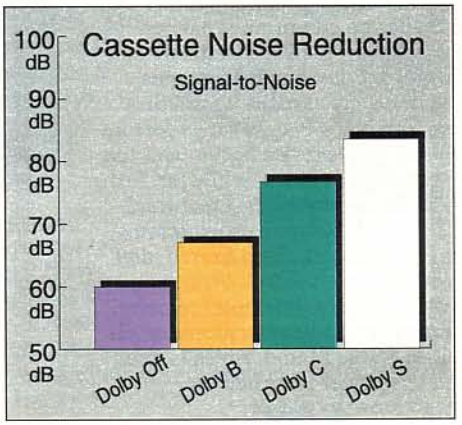
Automatically locates the beginning of a song from Fast Forward or Rewind, by finding the silent spaces between songs.

Real Time Counter

Gives you an approximate idea (in minutes and seconds) of how far into a tape you are.

Frequency Response

Tells how much of the audible frequency range (20-20,000 Hz) a deck can reproduce. Two values are shown: one for high-bias tapes; one for superior metal tapes.



The Signal-to-Noise ratio tells you how good a deck is at removing tape hiss. With noise reduction off, even the finest decks using premium metal tape can achieve only about 60 dB. See how much less hiss (and more music) you hear when Dolby B, C, or S is used.

Cassette Deck Features

	Number of Heads	Number of Motors	Noise Reduction	Auto Reverse	Music Search	Blank Skip	Auto Tape Selector	Full Logic Controls	Head Type*	Real Time Counter	Mic. Input	Remote Compat.	Rec. Level Meters
JVC TD-W209	2/1	3/3	B/C/HX	deck B			✔	✔	HP			✔	FL
JVC TD-W309	2/1	3/3	B/C/HX	✔	✔		✔	✔	HP		mono mix	✔	FL
JVC TD-W709	2/2	3/3	B/C/HX	✔	✔		✔	✔	HP		mono mix	✔	FL
JVC TD-V661	3	3	B/C/HX		✔		✔	✔	HP	✔		✔	FL
Kenwood KX-W4050	2/1	1/1	B/C/HX	✔	✔		✔	✔	HP			✔	FL
Kenwood KX-W6050	2/2	1/1	B/C/HX	✔	✔		✔	✔	HP			✔	FL
Kenwood KX-W8050	2/2	2/2	B/C/HX	✔	✔	✔	✔	✔	HP			✔	FL
Kenwood KX-5550	2	3	B/C/HX	✔	✔		✔	✔	HP			✔	FL
Pioneer CT-W402R	2/1	1/1	B/C/HX	deck B	✔	✔	✔	✔	HP			✔	FL
Pioneer CT-W502R	2/1	1/1	B/C/HX	✔	✔	✔	✔	✔	HP			✔	FL
Pioneer CT-W602R	2/2	1/1	B/C/HX	✔	✔	✔	✔	✔	HP	✔	mono mix	✔	FL
Pioneer CT-W802R	2/2	1/1	B/C/HX	✔	✔	✔	✔	✔	HP	✔	stereo	✔	FL
Sony TC-W435	2/1	2/2	B/C/HX				✔	✔	HP			✔	FL
Sony TC-WR535	2/1	2/2	B/C/HX	✔	✔		✔	✔	HP			✔	FL
Sony TC-WR635S	2/1	2/2	B/C/S/HX	✔	✔		✔	✔	HP			✔	FL
Sony TC-K611S	3	3	B/C/S/HX		✔	✔	✔	✔	HP	✔		✔	FL

* HP–Hard Permalloy

Cassette Deck Specifications

	Frequency Response (Hz), Metal Tape	Frequency Response (Hz), High Bias	Wow & Flutter	Best Signal-to-Noise	Harmonic Distortion	Fast Winding Time, C-60 (seconds)	Dimensions	Warranty	List Price	Your Price
JVC TD-W209	30-16,000	30-15,000	0.08%	78 dB	0.8%	110	17¼"W x 5¼"H x 13"D	1 year	$230	$179.95
JVC TD-W309	30-16,000	30-15,000	0.08%	78 dB	0.8%	110	17¼"W x 5¼"H x 13"D	1 year	$280	$219.95
JVC TD-W709	30-16,000	30-15,000	0.08%	78 dB	0.8%	110	17¼"W x 5¼"H x 13"D	1 year	$350	$279.95
JVC TD-V661	15-19,000	15-17,000	0.035%	79 dB	0.7%	110	17¼"W x 5¼"H x 13⅛"D	1 year	$420	$319.95
Kenwood KX-W4050	25-18,000	25-17,000	0.09%	73 dB	0.8%	115	17⅜"W x 5⅜"H x 11⅛"D	1 year	$279	$199.95
Kenwood KX-W6050	25-18,000	25-17,000	0.09%	74 dB	0.8%	115	17⅜"W x 5⅜"H x 11⅜"D	1 year	$299	$249.95
Kenwood KX-W8050	20-20,000	20-19,000	0.06%	72 dB	0.6%	90	17⅜"W x 5⅜"H x 11⅜"D	1 year	$379	$279.95
Kenwood KX-5550	20-18,000	20-17,000	0.07%	73 dB	0.6%	90	17⅜"W x 5"H x 10⅞"D	1 year	$299	$239.95
Pioneer CT-W402R	25-16,500	25-16,000	0.10%	76 dB	0.8%	120	16⅝"W x 4¾"H x 11¼"D	1 year	$245	$179.95
Pioneer CT-W502R	25-16,500	25-16,000	0.10%	76 dB	0.8%	120	16⅝"W x 5"H x 11¼"D	1 year	$265	$199.95
Pioneer CT-W602R	25-16,500	25-16,000	0.10%	76 dB	0.8%	120	16⅝"W x 5"H x 11¼"D	1 year	$345	$269.95
Pioneer CT-W802R	25-20,000	25-19,000	0.09%	76 dB	0.8%	120	16⅝"W x 5⅜"H x 11¼"D	1 year	$420	$349.95
Sony TC-W435	30-18,000	30-17,000	0.08%	78 dB	0.4%	90	17"W X 4⅞"H x 12⅛"D	1 year	$200	$169.95
Sony TC-WR535	30-18,000	30-17,000	0.08%	78 dB	0.4%	90	17"W x 4⅞"H x 12¼"D	1 year	$250	$199.95
Sony TC-WR635S	30-18,000	30-17,000	0.08%	82 dB	0.4%	90	17"W x 4⅞"H x 12¼"D	1 year	$330	$269.95
Sony TC-K611S	20-20,000	20-18,000	0.05%	84 dB	0.4%	90	17"W X 4⅞"H x 12⅛"D	1 year	$400	$349.95

Some Commonly Asked Questions about Cassette Decks

Q: What is the "HX Pro" feature now on most cassette decks?

A: *This "Headroom eXtension" system applies a special signal during recording that lets the tape absorb a stronger signal. Only the deck recording the tape needs HX Pro. You can hear the improved treble response during playback on any type of cassette player.*

Q: How does the tape Music Search system work?

A: *The deck searches for the blank sections between songs to locate each one. Programmable decks let you search forward or backward a specified number of songs. Programmable Dubbing Decks let you copy whichever songs you want, in the order you want.*

Q: Can I play Dolby S encoded tapes on my car stereo?

A: *Playing a Dolby S tape on a car deck with Dolby B or C decoding will result in slightly brighter, compressed sound, with a more narrow dynamic range between the softest and loudest sounds. Many people actually prefer this combination in the car because it helps compensate for road noise.*

Sony TC-W435

It's tough to believe you can get this level of performance for just $169.95. That is, until you see the "Sony" label! While some decks in this price range use only a single motor to drive each transport, Sony's TC-W435 offers the improved performance and reliability of a 4-motor drive system. It also includes Dolby B and C noise reduction to virtually eliminate tape hiss, plus HX Pro dynamic headroom extension for capturing those extended upper frequencies when dubbing from CDs and other digital sources. In addition to normal speed tape-to-tape dubbing, you can also copy tapes at high speed, completing your recording in about half the time! The TC-W435 is remote compatible with Sony's remote receivers so it's a natural addition to your Sony system.

Item #156TCW435 List Price: $200 ***YOUR PRICE: $169.95***

Features: Single-direction play (deck A), record/play (deck B), normal/high-speed dubbing, Dolby B & C and HX Pro, Relay Play, full-logic controls, 4-motor drive system, headphone output, dual electronic tape counters, remote compatible with Sony remote receivers. **Specifications:** Frequency Response (±3dB) 30-18,000 Hz, Signal-to-Noise ratio 78 dB (Dolby C), Wow and Flutter 0.08%. Dimensions: 17"W x 4⅞"H x 12⅛"D. Warranty: 1 year.

Sony TC-WR535

For a higher level of user-convenience, Sony's new TC-WR535 includes auto-reverse play on deck A and auto-reverse record/play on deck B. You can copy both sides of a tape with the press of a button, or relay-play both sides of two tapes without interruption. And with Music Search, the TC-WR535 makes locating particular songs quick and easy. When dubbing from CD, tape, phono, etc., your copies will retain the brilliance and detail of the original source, thanks to Dolby B & C noise reduction systems and Dolby HX Pro headroom extension. And you know this Sony is built to last, with two mechanically independent tape transports, each with two motors for greater durability and speed stability.

Item #156TCWR535 List Price: $250 ***YOUR PRICE: $199.95***

Features: Auto-reverse play (deck A), auto-reverse record/play (deck B), Dolby B & C and HX Pro, normal/high speed dubbing, full-logic controls, Relay Play, Music Search, 4-motor drive system, dual electronic tape counters, automatic record calibration, headphone output, remote compatible with Sony remote receivers. **Specifications:** Frequency Response (±3dB) 30-18,000 Hz, Signal-to-Noise ratio 78 dB (Dolby C), Wow and Flutter 0.08%. Dimensions: 17"W x 4⅞"H x 12¼"D. Warranty: 1 year.

Sony TC-WR635S

Sony's TC-WR635S is the only dubbing deck we know of that includes Dolby S noise reduction (it's a consumer version of the Dolby SR system used by professional sound studios around the world). It provides greater noise reduction than Dolby B & C, and also protects the tape from overload and distortion at high and low frequencies. And though Dolby S encoded tapes will play back with excellent results on B-type decks, the TC-WR635S also has Dolby B & C. And HX Pro is included to capture more of the musical dynamics you get with CDs. The TC-WR635S offers a rugged 4-motor drive system and the features you'll enjoy using every time you record or play a tape. Conveniences include dual auto-reverse (play on deck A and record/play on deck B), Relay Play and Music Search.

Item #156TCWR635 List Price: $330 ***YOUR PRICE: $269.95***

Features: Auto-reverse play (deck A), auto-reverse record/play (deck B), Dolby S, Dolby B & C and HX Pro, normal/high speed dubbing, full-logic controls, Relay Play, Music Search, automatic record calibration, dual electronic tape counters, MPX filter, 4-motor drive system, headphone output, remote compatible with Sony remote receivers. **Specifications:** Frequency Response (±3dB) 30-18,000 Hz, Signal-to-Noise ratio 82 dB (Dolby S), Wow and Flutter 0.08%. Dimensions: 17"W x 4⅞"H x 12¼"D. Warranty: 1 year.

Sony TC-K611S

Searching for professional recording quality in a home cassette deck? Give Sony's TC-K611S a serious look. This 3-head deck uses separate heads for record and playback, allowing you to monitor directly off the tape during recording–just like the pros do. To get the most out of any tape, it includes computer-controlled record calibration, complete with a tone generator. A Fine Bias adjustment lets you hand-tweak the bias level to your preference. To remove annoying tape hiss, Dolby B and C are built in, plus professional-level Dolby S for up to 24 dB of noise reduction at high frequencies and 10 dB at low frequencies! Dolby HX Pro extends dynamic headroom for noticeably cleaner reproduction of those crucial higher frequencies. All of these features combined with the smooth 3-motor drive (with ceramic cassette stabilizer) add up to a great sounding cassette deck.

Item #156TCK611S List Price: $400 ***YOUR PRICE: $349.95***

Features: 3-head design, 3-motor tape transport, cassette stabilizer, Dolby S, Dolby B & C and HX Pro, record calibration with tone generator, fine bias adjustment, full-logic controls, electronic tape counter, headphone output with volume control, switchable MPX filter, remote compatible with Sony remote receivers. **Specifications:** Frequency Response (±3dB) 20-20,000 Hz, Signal-to-Noise ratio 84 dB (Dolby S), Wow and Flutter 0.05%. Dimensions: 17"W x 4⅞"H x 12⅛"D. Warranty: 1 year.

Sony MDS-101 *Home Mini Disc Player/Recorder*

Mini Disc: a 2½" *recordable* optical disc with sound quality that compares to CD, and shock resistance that surpasses tape! With Sony's MDS-101, you can listen to Mini Discs at home and dub your favorite CDs, tapes and LPs onto MDs for playback on your portable or in-dash MD player. The MDS-101 includes analog and optical digital inputs/outputs with a front panel selector. You can record up to 74 minutes of music onto a blank MD, and enjoy conveniences like random Shuffle Play, 25-track programming, Custom Edit and Repeat. Its fluorescent panel displays a 25-track music calendar, title and input (up to 1700 characters per disc), recording time and date, plus digital peak level meters. Other features include a 10-second buffer memory, headphone output with volume control, and convenient remote control. *Stereo Review,* in their August '93 issue, praised the MDS-101, calling it "an impressive piece of technology." The reviewer concluded, "I don't think Mini Disc is a fad or an ill-conceived system. It brings something new to the party and promises to find many enthusiasts."

Specs: Freq. Resp. 5-20,000 Hz, Dynamic Range 105 dB. Dim: 8⅞"W x 3"H x 12"D. Warr: 1 yr.

Item #156MDS101 List Price: $1000 ***YOUR PRICE: $899.95***

60-minute Recordable MD Item #158MDW60 ***$13.95***

74-minute Recordable MD Item #158MDW74 ***$16.95***

Kenwood KX-5550

When it comes to user-friendliness, it's tough to beat Kenwood. Their single-well KX-5550 offers a smooth 3-motor transport (rare in this price range), plus auto-reverse operation, auto tape type selector, auto bias, and Dolby B, C and HX Pro. And with Kenwood's Direct Program Search System, you can locate songs up to 16 tracks away and even repeat a single track up to 16 times. Or press Rewind and Play simultaneously and walk away—DPSS will rewind the tape, then automatically begin Play! Other features include Blank Skip, Zero Stop for indexing a particular point in the music, and A-B Block Repeat for zeroing in on particular song segments.

Item #113KX5550 List Price: $299 ***NEW LOW PRICE: $239.95***

Features: Auto-reverse, 3-motor tape transport, Dolby B & C and HX Pro, Computer-Controlled CD Recording System, Direct Program Search System, A-B Block Repeat, Index Scan, auto bias, switchable MPX filter, power load and eject. **Specifications:** Frequency Response (±3dB) 20-18,000 Hz, Signal-to-Noise ratio 73 dB (Dolby C), Wow and Flutter 0.07%. Dimensions: 17⅜"W x 5"H x 10⅞"D. Warranty: 1 year.

Kenwood KX-W4050

Sure you can find other dubbing decks for under $200, but matching the impressive design features of Kenwood's KX-W4050 is a tall order. Along with auto-reverse play on both decks and record on deck B, it includes Dolby B & C noise reduction systems, HX Pro dynamic headroom extension (deck B), and auto tape type selector, so making crystal-clear recordings is super easy. High-speed dubbing lets you copy your favorite tapes for your car or Walkman in just half the time. The KX-W4050 will even perform high-speed CD-to-cassette dubbing when used with a Kenwood receiver and CD player. Continuous Relay Play gives you extended playback (great for business use or when you want "background music"). Direct Program Search lets you skip to any song up to 16 tracks away, or just repeat a favorite (up to 16 times!).

Item #113KXW4050 List Price: $279 ***YOUR PRICE: $199.95***

Features: Auto-reverse play (both decks) and record (deck B), Dolby B & C (both decks) Dolby HX Pro (deck B), fluorescent recording level meters, Index Scan (deck A), normal/high-speed dubbing, Relay Play, recording level/balance control, Computer-Controlled CD Recording System, high-speed CD-to-cassette dubbing, Direct Program Search System, headphone output. **Specifications:** Frequency Response (±3dB) 25-18,000 Hz, Signal-to-Noise ratio 73 dB (Dolby C), Wow and Flutter 0.09%. Dimensions: 17⅜"W x 5⅜"H x 11⅛"D. Warranty: 1 year.

Kenwood KX-W6050 • KX-W8050

If you record a lot of tapes, you'll appreciate the KX-W6050's higher level of user-convenience. It offers the many performance features found on the KX-W4050 (see above), plus record capability *on both wells* with Dolby HX Pro headroom extension. You also get fast, automatic CD-to-tape editing when used with a Kenwood receiver and CD player.

Item #113KXW6050 List Price: $299

NEW LOW PRICE: $249.95

*The **KX-W8050** (pictured) steps up to 2-motor drive mechanisms on both wells, dual auto bias, dual tape counters, high-speed CD-to-cassette recording on both wells, and Parallel Record for multiple-copy convenience.*

Item #113KXW8050 List Price: $379 ***NEW LOW PRICE: $279.95***

Features: Dual auto-reverse Record and Play, Dolby B & C and HX Pro (both decks), Relay Play and Record, Caomputer-Controlled CD Recording System, Direct Program Search, Index Scan (deck A), headphone output. KX-W8050 adds dual 2-motor drives, Parallel Record, dual auto bias adjustment, switchable MPX filter. **Specifications:** Freq. Resp. (±3dB) 25-18,000 Hz (20-20,000 Hz for KX-W8050), Signal-to-Noise ratio 74 dB (Dolby C) (72 dB for KW8050), Wow and Flutter 0.09% (0.06% for KX-W8050). Dim: 17⅜"W x 5⅜"H x 11⅜"D. Warr: 1 year

Pioneer CT-W402R • CT-W502R

These easily-affordable Pioneer dubbing decks have what you need to make super-clean copies of your favorite music—quick and easy. Along with auto-reverse record and play on deck B and one-direction play on deck A, the CT-W402R offers high-speed dubbing, Dolby B and C noise reduction systems, and HX Pro for dynamic headroom extension. Features include Skip Search and Blank Skip to help locate songs in a hurry, and CD-Deck Synchro—an advanced communications line between Pioneer cassette decks and CD players that makes CD-to-tape copying a snap.

Item #130CTW402R List Price: $245 ***YOUR PRICE: $179.95***

*The **CT-W502R** (pictured) adds auto-reverse play on deck A, FLEX (Frequency Level Expander) for rich, balanced sound with clearer highs from any recording, and a headphone output for personal listening.*

Item #130CTW502R List Price: $265 ***YOUR PRICE: $199.95***

Features: Auto-reverse record and play (deck B) and one-direction play (deck A), Dolby B & C and HX Pro, 15-track Skip Search, high-speed dubbing, Relay Play, Blank Skip, CD-Deck Synchro, auto tape type selector. The CT-W502R adds auto-reverse play on deck A, Frequency Level Expander, headphone output. **Specifications:** Frequency Response (±6dB) 25-16,500 Hz, Signal-to-Noise ratio 76 dB (Dolby C), Wow and Flutter 0.10%. Dimensions: 16⅝"W x 4¾"H x 11¼"D, (16⅝"W x 5"H x 11¼"D for CT-W502R). Warranty: 1 year.

Pioneer CT-W602R

Get the most out of any recording—at the touch of a button! That's the advantage of Pioneer's advanced Auto BLE (Bias, Level, and Equalization) gives you. The CT-W602R uses two test tones—one high frequency and one low—for quick computerized adjustment of its electronics to the characteristics of your tape. And for natural, balanced sound with brilliant, livelier highs from every recorded tape (yes, even poorly recorded ones), Pioneer's computerized FLEX (Frequency Level Expander) system is built in. The CT-W602R also features dual auto-reverse record and play, high-speed dubbing, Dolby B & C for virtually hiss-free recordings, and HX Pro for life-like reproduction of music's higher frequencies. Other user-conveniences include Skip Search for zeroing in on a song up to 15 tracks away, Blank Skip for zipping through unrecorded sections of tape, and Auto Space for recording a bit of silence between songs.

Item #130CTW602R List: $345 ***YOUR PRICE: $269.95***

Features: Auto-reverse record and play (both decks), Dolby B & C and HX Pro, Auto BLE, FLEX (Frequency Level Expander), 15-track Skip Search, high-speed dubbing, Relay Record/Play, Blank Skip, Auto Space record mute, auto tape type selector, dual tape counters, fluorescent peak level meters, headphone output, mono mic input, remote compatible with Pioneer receivers. **Specifications:** Frequency Response (±6dB) 25-16,500 Hz, Signal-to-Noise ratio 76 dB (Dolby C), Wow and Flutter 0.10%. Dimensions: 16⅝"W x 5"H x 11¼". Warranty: 1 year.

Pioneer CT-W802R

Pioneer's CT-W802R steps up to microprocessor-controlled Super Auto BLE—a system that checks frequency combinations to find bias and equalization settings that will produce the most accurate frequency response. It offers the many recording conveniences featured on the CT-W602R described above, and adds Parallel Record for copying onto 2 tapes simultaneously from another source, and Fade Out for ending songs smoothly. It also includes Pioneer's Sound EQ: a system designed to reproduce a response that sounds best in a car or when played back on a portable. It adjusts the equalization ("touching up" the highs and lows) *during recording*, so it's not also boosting noise that's introduced during playback. And for recording live performances, front-panel stereo (left and right) microphone inputs are included.

Item #130CTW802R List Price: $420 ***YOUR PRICE: $349.95***

Features: Auto-reverse record and play (both decks), Dolby B & C and HX Pro, Super Auto BLE, FLEX (Frequency Level Expander), Sound EQ, 15-track Skip Search, Relay Record/Play, Parallel Record, Blank Skip, high-speed dubbing, Auto Space record mute, Fade Out, auto tape type selector, dual tape counters, fluorescent peak level meters, headphone output, separate left/right mic inputs. **Specifications:** Frequency Response (±6dB) 25-20,000 Hz, Signal-to-Noise ratio 76 dB (Dolby C), Wow and Flutter 0.09%. Dimensions: 16⅝"W x 5⅜"H x 11¼"D. Warranty: 1 year.

Pioneer PL-600 *Turntable*

Miss listening to your favorite LPs? Pioneer's fully-automatic PL-600 is an affordable way to get reacquainted with those old friends. Frankly, when we tested the PL-600, we were pleasantly surprised at the high level of performance you get for the money. Along with a low mass straight tone arm, it features a universal moving magnet cartridge, and a reliable belt drive design with DC motor for precise rotation and quick start-up. For ease of use, operation and cueing controls are up front.

Specifications: Signal-to-Noise ratio 68 dB, Wow and Flutter 0.06%.
Dimensions: 16⅝"W x 3¾"H x 15¼"D. Warranty: 1 year.

Item #130PL600KU List Price: $150 ***YOUR PRICE: $139.95***

Any Questions? Call Us at 1-800-955-3000

JVC TD-W209 • TD-W309

With JVC, you don't have to pay more for top-notch tape performance—it comes standard. Their entry-level, full-logic TD-W209 includes JVC's Hi-Fi U-Turn auto-reverse system on deck B for best tape-to-head contact and full frequency response no matter which direction the tape is traveling. Dolby B & C noise reduction systems are also built-in, as well as Dolby HX Pro on deck B for recording the wider dynamic range of compact discs. Other features include Relay Play, high-speed dubbing, and JVC CompuLink.

Item #111TDW209 List Price: $230

YOUR PRICE: $179.95

*The affordable **TD-W309** (pictured) offers greater user convenience with auto-reverse playback added to deck A, a microphone input and mixing, and a speed-adjusting pitch control (musicians love this feature).*

Item #111TDW309 List Price: $280 ***YOUR PRICE: $219.95***

Features: Hi-Fi U-Turn auto-reverse record/play (deck B), and one-direction Play (deck A), Dolby B & C, HX Pro (deck B), full-logic operation, normal/high-speed dubbing, Dynamics Detection Recording Processor (requires a compatible JVC CD player), fluorescent level meters and 4-digit counters, auto tape type selector, headphone output. The TD-W309 adds auto-reverse play on deck A, pitch control, and microphone input and mixing. **Specifications:** Frequency Response (±3dB) 30-16,000 Hz, Signal-to-Noise ratio 78 dB (Dolby C), Wow and Flutter 0.08%. Dim: 17¼"W x 5¼"H x 13"D. Warranty: 1 year.

JVC TD-W709

Look around at similarly priced decks. It's really tough to find the recording and playback conveniences that JVC's TD-W709 offers! JVC's Hi-Fi U-Turn auto-reverse system on both transports with Flip Reverse heads ensures accurate recording and playback in both directions. Full-logic controls and Music Scan on both decks make it easy for you to quickly locate your favorite songs. And if you like to alter the speed of your music, you'll really appreciate its variable pitch control. With Dolby B & C, HX Pro and one-touch high-speed dubbing, you can make quality dubs fast and easy. A variety of Record and Playback conveniences make the TD-W709 a pleasure to use. Simultaneous Record lets you record onto two tapes at once. Relay Record is great for long or unattended recordings, and Relay Play provides hours of listening.

Item #111TDW709 List Price: $350 ***YOUR PRICE: $279.95***

Features: Hi-Fi U-Turn auto-reverse record/play (both decks), Dolby B & C and HX Pro, full-logic controls, cassette shell stabilizers, Relay Record, Simultaneous Record, continuous Relay Play, normal/high-speed dubbing, DDRP (requires a compatible JVC CD player), fluorescent level meters and 4-digit counter, Music Scan, auto tape type selector, pitch control, balance control, headphone output, mic input and mixing. **Specifications:** Frequency Response (±3dB) 30-16,000 Hz, Signal-to-Noise ratio 78 dB (Dolby C), Wow and Flutter 0.08%. Dimensions: 17¼"W x 5¼"H x 13"D. Warranty: 1 year.

JVC TD-V661

If you're a real stickler about tape recording, JVC's 3-head TD-V661 is the deck for you. One head is optimized for recording, another for playback, and a third for erasing. The direct-drive transport is a closed-loop dual-capstan design, so it's rock-steady from the beginning of the tape to the very end. And with "Direct" inputs, you can run any line-level source (CD, DAT, tape) straight into the recording head. An adjustable Bias control lets you "brighten up" or "tone down" your recordings according to the tape type. And with JVC's DDRP (Dynamics Detection Recording Process), you're sure to get the widest dynamic range from every recording you make off CDs—automatically! Conveniences include Music Scan and a headphone output with volume control.

Item #111TDV661 List Price: $420 ***YOUR PRICE: $319.95***

Features: 3-head design, closed-loop dual-capstan direct drive, Dolby B & C, Dolby HX Pro, MPX filter switch, full-logic controls, "Direct" inputs, fluorescent level meters and 4-digit tape counter, Music Scan, power eject, timer start (record/play), headphone output with volume control, adjustable bias, level and balance controls. **Specifications:** Frequency Response (±3dB) 15-19,000 Hz, Signal-to-Noise ratio 79 dB (Dolby C), Wow and Flutter 0.035%. Dimensions: 17¼"W x 5¼"H x 13½"D. Warranty: 1 year.

Blank Audio Tapes

	Length	Type*	Item #	Price Each	Price 10 or more
TDK SA	90 min.	HB	195SA90	$2.25	$1.99
TDK SA-X	90 min.	HB+	195SAX90	$3.25	$2.79
TDK SA-X	100 min.	HB+	195SAX100	$3.50	$2.99
TDK Metal MA	110 min.	M	195MA110	$3.50	$2.69
TDK Metal MA-X	100 min.	M+	195MAX100	$4.00	$3.49
Maxell XLII	90 min.	HB	170XLII90	$2.50	$1.99
Maxell XLII-S	90 min.	HB+	170XLIIS90	$3.50	$2.49
Maxell XLII-S	100 min.	HB+	170XL2S100	$4.00	$2.99
Maxell Metal MX	90 min.	M	170MX90	$3.25	$2.49
Maxell Metal MX-S	90 min.	M+	170MXS90	$4.00	$3.49
Fuji ZII	90 min.	HB+	072ZII90	$2.75	$2.49
Fuji ZII	100 min.	HB+	072ZII100	$3.25	$2.79
Sony UXPRO	90 min.	HB+	158UXPRO90	$3.50	$2.79
Sony Metal-SR	100 min.	M	158SR100	$3.00	$2.49

*HB = high bias, HB+ = superior high bias, M = metal, M+ = superior metal

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Sales Manager
Newark, NJ

Speakers

From Listening Room to Home Theater, a Speaker's Job is Delivering Emotional Impact

The Traditional Stereo Pair

To really hear your music, from subtle vocal shadings to hard-driving energy, you need a high quality pair of speakers. In too many stereo systems, speakers are the weakest link in the chain. The other components (receiver, CD player, cassette deck, etc.) are able to reproduce virtually the entire range of audible frequencies with a barely

measurable amount of distortion. You want speakers that can deliver that audio signal to your ears with accuracy and realism.

For Home Theater systems, your stereo speakers become the front left and right channels, and are responsible for side-to-side "panning" as the action moves across the screen.

There are two basic designs, acoustic suspension and bass reflex (with a few variations). **Acoustic Suspension** speakers use sealed, air-tight enclosures. This design produces very tight, accurate bass, but requires serious power to play loud. **Bass Reflex** enclosures add a port (a hole in the box "tuned" to a specific frequency) to produce more bass output in that range. Bass reflex speakers don't need as much power to play loud, but you do lose some bass control and accuracy. For rock music or loud volume levels, bass reflex may be the way to go.

Satellite/Subwoofer Systems: a "stealth" alternative to traditional speakers

Satellite/Subwoofer systems use small enclosures for tweeters and midranges, and a separate specially-designed box to house woofers. Besides saving space, the advantages are:

(1) the satellites' small face helps them produce a more 3-dimensional soundstage than most big speakers

(2) the subwoofer can be placed almost anywhere because it produces only very low, non-directional bass. You can hide the subwoofer under a table or couch, or behind draperies and still get full-range sound without giving up much living space or compromising your room's looks.

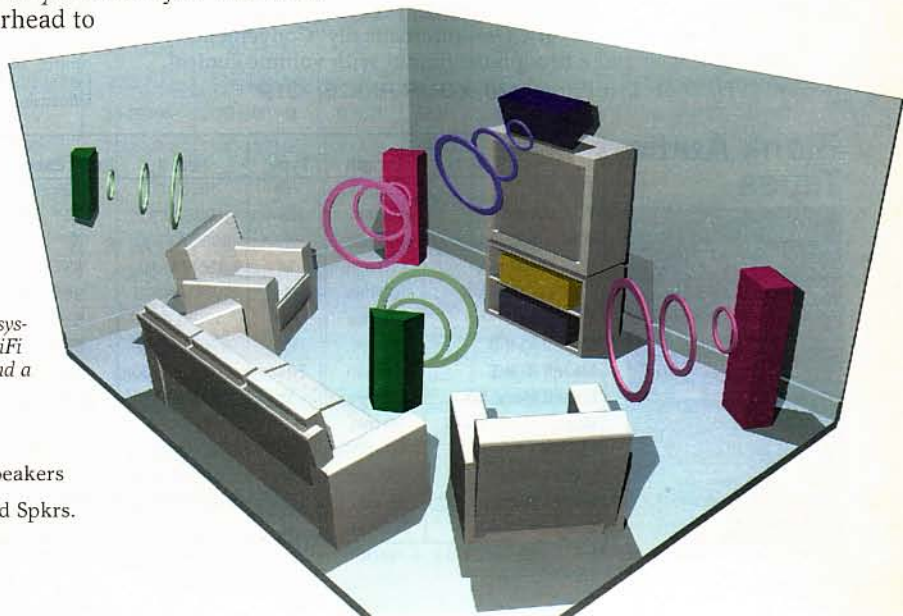
Surround Speakers put you in the center of the movie action

To create the illusion of being surrounded by a movie soundtrack, you need a pair of speakers beside or behind your listening position. With Dolby-encoded soundtracks, sounds and effects that come from surround speakers are digitally time-delayed. From jets that seem to roar overhead to

the sound of gentle raindrops on a window pane, your movie and TV watching will take on a whole new dimension. You can get by with a pair of small, inexpensive surround speakers, but we've found that the overall realism or "jump factor" increases when you use high-quality speakers with more full-range frequency response.

In Home Theater systems, the Center Channel Speaker anchors movie dialogue to your TV screen

Home Theater systems with Dolby Pro-Logic include a separate center channel to anchor voices and up-front action to your TV screen. The center channel speaker is positioned directly above, below or beside your TV, so it *must* be magnetically shielded to keep from distorting the picture. It's also a good idea to choose a center speaker that will blend with your front left and right speakers. As the action moves from left to right across your room, the sound quality should remain constant as it passes through the center.



This illustration shows the key components of a typical Home Theater system with Dolby Pro-Logic. Along with an audio/video receiver and a HiFi VCR, you'll need a pair of main speakers, a center channel speaker, and a pair of rear surround speakers.

Why buy speakers by mail?

The only place you can properly evaluate a speaker system is your own listening room. That's why we invite you to live with a pair for up to 30 days. Listen to your favorite music. Experiment with speaker placement to get the best performance. If you're not fully satisfied, simply call us and arrange to return them. You can try a different pair, or we'll refund your money. That's what our 30-day Total Satisfaction Guarantee means.

A store's demo room is probably the worst place to evaluate speakers (unless, of course, your listening room at home is also crammed to the ceiling with speakers and electronics). Speakers are so important, so we want you to be thrilled with yours.

Call us toll-free. We'll discuss your listening habits, recommend speakers that best suit your tastes, and ship them promptly—right to your door. With our 30-day Total Satisfaction Guarantee, you can't go wrong!

Speaker Terms and Definitions

Enclosure Type

Acoustic Suspension: utilizes a sealed box, providing the most accurate, "tight" bass response. Usually less efficient than other designs, they require a little more power.

Bass Reflex: uses a tuned port for extended bass response. A very power-efficient design, but you give up some accuracy in exchange for the extra bass output. The "bass radiator" design in some of the Infinity RS and Polk models is a more controlled bass reflex design.

Tweeter

A small, lightweight driver for reproducing the highest musical frequencies of violins, cymbals, female vocals, etc.

Midrange

In a 3-way system, this driver handles most vocals and much of the instrumental range, except extreme highs and lows.

Crossover

An electronic device which divides the music into frequency bands, sending the lowest frequencies to the woofer, middle frequencies to the midrange driver (if present), and the highest frequencies to the tweeter.

Woofer

This driver uses a large cone to move the big volume of air necessary to reproduce the long wavelengths of bass instruments and drums.

Recommended Power Range

The minimum and maximum continuous amplifier power ratings for the best sound quality and safe operation.

Maximum Power Handling

The peak, short-term music power the speaker can handle without damage.

Efficiency (also called Sensitivity)

Measures how well the system converts input power into sound. The higher the number, the more efficient (i.e. louder) the speaker.

Impedance

The load value (in ohms) the speakers present to the amplifier. Low impedance speakers (4 ohms or below) can cause problems with certain receivers and amplifiers.

Frequency Response

The human ear responds to frequencies from approximately 20 to 20,000 cycles-per-second, or Hertz. For a speaker system, this indicates how much of that range can be reproduced.

Speakers	Enclosure Type	Tweeter	Midrange	Woofer	Recommended Power Range	Maximum Power Handling (watts)	Efficiency (Sensitivity) dB	Impedence (nominal), ohms	Frequency Response	Recommended Speaker Stand Height (in.)	Listening Preference Recommendations* <Acoustical Electronic> Classical	Jazz	Easy Listening	Pop Rock Country	Hard Rock	Rap Metal
Advent Mini/Mini II	Bass Reflex	½" Dome		5¼" Cone	10-40	40	88	6	110-21,000	20-25						
Advent Baby III	Acst. Susp.	½" Dome		6½" Cone	10-50	50	89	8	60-21,000	20-25						
Advent Prodigy Tower II	Acst. Susp.	¾" Dome		8" Cone	10-75	75	89	8	45-23,000							
Advent Legacy III	Acst. Susp.	1" Dome		10" Cone	10-100	100	90	6/8	40-23,000							
Advent Laureate	Acst. Susp.	1" Dome		6½" Cones (2)	20-125	125	90	6	42-23,000							
Advent Heritage	Acst. Susp.	1" Dome		8" Cone (2)	20-150	150	89.5	6	42-23,000							
Infinity Kappa 6.1	Bass Reflex	Emit	3" Dome	8" Cone	30-200	200	89	6	45-35,000							
Infinity Kappa 7.1	Bass Reflex	Emit	3" Dome	10" Cone	30-250	250	89	6	39-35,000							
Infinity RS-125	Acst. Susp.	½" Dome		5¼" Cone	10-60	60	90	6	74-20,000	20-25						
Infinity RS-225	Acst. Susp.	½" Dome		6½" Cone	10-75	75	90	6	70-20,000	20-25						
Infinity RS-325	Bass Reflex	¾" Dome		6½" Cone	20-150	150	92	6	65-25,000	15-25						
Infinity RS-425	Bass Reflex	¾" Dome		6½" Cone	20-150	150	92	6	58-25,000	8-12						
Infinity RS-525	Bass Reflex	1" Dome		6½" Cone	20-150	150	92	6	52-25,000							
Infinity RS-625	Bass Reflex	1" Dome		8" Cone	25-200	200	92	6	40-25,000							
Infinity SM 62	Bass Reflex	¾" Dome		6½" Cone	10-100	100	94	8	78-25,000	20-25						
Infinity SM 82	Bass Reflex	1" Dome		8" Cone	10-125	125	98	8	42-27,000	15-25						
Infinity SM 102	Bass Reflex	1" Dome		10" Cone	10-150	150	100	8	35-27,000	8-16						
Infinity SM 112	Bass Reflex	1" Dome	4½" Cone-2	10" Cone	10-175	175	100	8	35-27,000							
Infinity SM 122	Bass Reflex	1" Dome	4½" Cone-2	12" Cone	10-200	200	100	8	32-27,000							
NHT Super Zero	Acst. Susp.	1" Dome		4½" Cone	15-50	50	86	8	85-25,000	20-25						
NHT Model 1.1	Acst. Susp.	1" Dome		6½" Cone	20-100	100	88	8	63-25,000	20-25						
NHT Model 1.3A	Acst. Susp.	1" Dome		6½" Cone	20-100	100	87	8	53-25,000	8-20						
Polk Mini Monitor	Bass Reflex	½" Dome		5¼" Cone	10-100	100	90	8	67-23,000	20-25						
Polk Monitor	Acst. Susp.	½" Dome		6½" Cone	20-100	100	91	8	55-23,000	20-25						
Polk S4	Bass Reflex	1" Dome		6½" Cone	20-100	100	91	8	50-23,000	20-25						
Polk S6	Bass Reflex	1" Dome		6½" Cone	20-125	125	91	8	45-23,000	8-16						
Polk S8	Bass Reflex	1" Dome		7½" Cone	20-150	150	90	8	42-23,000	8-12						
Polk S10	Bass Reflex	1" Dome		7½" Cone	20-200	200	91	8	39-23,000							
Polk LS50	Bass Reflex	1" Dome		6½"Cone (2)	20-250	250	89.5	8	45-25,000							
Polk LS70	Bass Reflex	1" Dome		7½"Cone (2)	30-250	250	90	8	37-25,000							
Polk RM-3000/RM-5000**	Acst. Susp.	¾" Dome	3½" Cone	6½"Cone (2)	10-125	125	88	8	42-18,000	15-25**						
Yamaha NS-A525	Acst. Susp.	¾" Dome		6" Cone	10-60	60	90	8	95-20,000	20-25						
Yamaha NS-A635	Acst. Susp.	¾" Dome	4" Cone	8" Cone	20-100	100	91	8	90-20,000	20-25						
Yamaha NS-A835	Acst. Susp.	1" Dome	4" Cone	12" Cone	20-150	150	92	8	50-20,000	8-16						

**Special Polk stands and wall brackets available for satellites.

*Darker gray indicates better performance and stronger recommendation.

FOCUS Infinity Kappa Series Speakers

Infinity Kappa speakers are widely celebrated for their highly musical sound quality, outstanding performance, top-notch design standards, and gorgeous appearance. Here's a bit of what makes these speakers so special:

Impeccable Design. Infinity Kappa Series speakers sport a small-footprint columnar design with non-parallel sides and drivers positioned at the top for superb sound radiation and stereo imaging. Built-in adjustable feet let you custom "tilt" each speaker for optimum bass response and imaging. The cabinets are quite beautiful, with real oak veneer finishes and solid wood trim.

IMG Woofer. Injection Molded Graphite cone material (with an extremely high stiffness-to-mass ratio) combines with a large voice coil and powerful magnet for ultra-clean, tight bass.

Poly Dome Midrange. Given the critical task of reproducing much of the range of the human voice, this driver uses a resonance-free molded polyelastomer dome which is driven by an oversized (3") high-performance voice coil.

EMIT-R Tweeter. A planar, ultra-low-mass diaphragm produces high frequencies that are incredibly accurate, yet intensely musical, with excellent dispersion and a sense of "air" surrounding each instrument. Aerospace materials, like Kapton in the voice coil, increase temperature tolerance and power handling. An automatic circuit breaker protects the tweeter from overload.

Level Controls. Adjustable rear-panel midrange and tweeter level controls help you perfectly match the characteristics of your listening room.

System Hook-up Versatility. Kappa models 7.1 and 6.1 can even be used in bi-wired and bi-amped configurations!

Infinity Kappa 7.1

Caution: if you don't like listening, stay away from Infinity's irresistible Kappa 7.1s. These speakers sound so natural and musically dynamic, with incredibly true-to-life imaging and soundstaging, that we had a difficult time pulling ourselves away. Each handsome Kappa 7.1 combines a ported enclosure with a hefty 10" IMG woofer for full, rock-solid bass. It also employs a natural-sounding 3" poly dome midrange, and a 1" EMIT-R tweeter for smooth highs and quick transients. You can tweak the level of both the tweeter and midrange. Adjustable feet let you angle each speaker for the best bass response and imaging. Beautifully finished in honey oak or black oak veneer. Made in USA.

Specifications: Frequency Response 39-35,000 Hz (±2dB), Maximum Power 250 watts, honey oak or black oak veneer finish. Dim: 43⅜"H x 14½"W x 11"D. Warranty: 5 years.

Honey Oak Item #108KAPPA71 *Black Oak* Item #108KAPP71B
YOUR PRICE: $1598 pair

Infinity Kappa 6.1

Once you've heard a pair of Infinity Kappas, you won't want to settle for anything less. The gorgeous model 6.1 delivers stunning sound with an 8" IMG (Injection Molded Graphite) woofer, 3" poly dome midrange, and 1" EMIT-R tweeter. The bass is taut and clean, mids are silky smooth, and the highs are so natural and clear, you'll swear the music is live. To better match your room's acoustics and bass output, you can fine-tune the tweeter and midrange output levels, and adjust the amount of speaker "tilt." Fine cabinetry finished in honey oak or black oak veneer. Made in USA.

Specifications: Frequency Response 45-35,000 Hz (±2dB), Max. Power 200 watts, honey oak or black oak veneer finish. Dimensions: 38"H x 12¼"W x 9¼"D. Warranty: 5 years.

Honey Oak Item #108KAPPA61 *Black Oak* Item #108KAPP61B
YOUR PRICE: $1199 pair

Infinity RS-625

Prepare to hear balanced full-range sound, with Infinity's legendary upper frequency clarity. The RS-625 includes a 1" ferrofluid-cooled Polycell tweeter for airy, transparent highs. And for quick, exceptionally accurate bass response all the way down to 40 Hz, its 8" woofer is made of Injection Molded Graphite and complemented by two 8" IMG bass radiators. Infinity's innovative dispersion stabilizer creates a very balanced, open soundstage. Made in USA.

Specifications: Frequency Response 40-25,000 Hz (±3dB), Maximum Power 200 watts, oak or black vinyl finish. Dimensions: 37½"H x 10⅞"W x 14"D. Warranty: 5 years.

Oak Item #108RS625 *Black* Item #108RS625B
List Price: $718 ***YOUR PRICE: $649.95 pair***

Infinity RS-525

Infinity's floor-standing RS-525 is a true delight to the senses—sonically and visually. A 1" ferrofluid-cooled Polycell tweeter reproduces music's higher frequencies with dazzling detail. The 6½" Injection Molded Graphite woofer responds superfast for tight, accurate bass, and includes Infinity's dispersion stabilizer for a smoother, more well-balanced soundfield. Dual 6½" IMG bass radiators enhance low frequency extension for bass that's deep and accurate, but not overbearing. Whether you're rocking with friends or relaxing at the end of the day, the RS-525s make your music sound real. Made in USA.

Specifications: Frequency Response 52-25,000 Hz (±3dB), Maximum Power 150 watts, oak or black vinyl finish. Dimensions: 32"H x 9½"W x 12¼"D. Warranty: 5 years.

Oak Item #108RS525 *Black* Item #108RS525B
List Price: $598 ***YOUR PRICE: $549.95 pair***

FOCUS RS: The Inside Story

Infinity's latest Reference Series speakers offer the precise imaging of a 2-way system, improved efficiency and bass response, and a small footprint to fit into any listening room—all at affordable prices. Some of the key technologies:

- RS-325, RS-425, RS-525, and RS-625 all use a **ferrofluid-cooled PolyCell dome tweeter.** Made from an air-filled polypropylene foam, it offers improved power handling and lower distortion. Sound quality is spacious and clean.
- All models but the RS-125 use woofers with **Injection Molded Graphite (IMG)** cone material. With the highest stiffness-to-mass ratio, IMG drivers deliver tight, powerful bass.
- RS-325, RS-425, RS-525, and RS-625 have a **Dispersion Stabilizer** in the neck of the woofer cone. This bullet-shaped wave guide helps produce consistent sound over the full range of the woofer, especially the crossover range.
- RS-425, RS-525, and RS-625 use **IMG Bass Radiators**. This "drone cone" design delivers powerful, clean bass to the lowest octaves, with high efficiency.

Infinity RS-325 • RS-425

If you like a speaker with crystal-clear highs, Infinity's RS-325 will make your ears smile. This 2-way includes a ¾" ferrofluid-cooled Polycell tweeter for brilliant detail in the upper frequencies, and a 6½" woofer, with Injection Molded Graphite (IMG) cone material, for quick, taut bass. Its unique dis persion stabilizer produces ultra-smooth sound. Made in USA.

Oak Item #108RS325
Black Item #108RS325B
List Price: $319 ***YOUR PRICE: $289.95 pair***

*The **RS-425** adds a 6½" IMG bass radiator for extended bass response that's quick, clean and powerful.*
Oak Item #108RS425 *Black* Item #108RS425B
List Price: $459 ***YOUR PRICE: $419.95 pair***

Specifications: Frequency Response 65-25,000 Hz (±3dB) (58-25,000 Hz for RS-425), Maximum Power 150 watts, oak or black vinyl finish. Dimensions: 17"H x 8⅞"W x 10¾"D (22½"H x 9¼"W x 11¼"D for RS-425). Warranty: 5 years.

Infinity RS-125 • RS-225

Infinity's RS-125 is solid proof that a bookshelf speaker doesn't have to sound bookshelf-sized. Its 5¼" poly woofer mates perfectly with the ½" ferrofluid-cooled polycarbonate dome tweeter for very nicely balanced sound. And at less than a foot tall, it fits in tight spaces. Made in USA.

Oak Item #108RS125
Black Item #108RS125B
List Price: $199
YOUR PRICE: $159.95 pair

*The larger **RS-225** houses a 6½" IMG woofer for deeper, richer bass.*
Oak Item #108RS225 *Black* Item #108RS225B
List Price: $249 ***YOUR PRICE: $199.95 pair***

Specifications: Frequency Response 74-20,000 Hz (±3dB), (70-20,000 Hz for RS-225), Maximum Power 60 watts (75 watts for RS-225), oak or black vinyl finish. Dimensions: 11⅝"H x 7½"W x 7"D (14¼"H x 9⅛"W x 8"D for RS-225). Warranty: 5 years.

Infinity SM 62

At just 13¼" tall, the compact SM 62 is an ideal bookshelf or surround sound speaker. It teams a bass-reflex enclosure, a 6½" poly-coated woofer, and a ¾" Polycell dome tweeter for the kind of high-impact sound Infinity's famous for. The SM 62's bass has real punch. The highs shine with sparkling detail. And like the entire Studio Monitor line, the SM 62s are super-efficient, providing room-filling sound even with low-powered receivers. Made in USA.

Specifications: Frequency Response 78-25,000 Hz, Maximum Power 100 watts, dark walnut or black vinyl finish. Dimensions: 13¼"H x 8"W x 8¼"D. Warranty: 5 years.

Walnut Item #108SM62W *Black* Item #108SM62B
List Price: $278 ***YOUR PRICE: $199.95 pair***

Infinity SM 82 • SM 102

If you like crisp, crystal-clear highs and rock-solid bass, the Studio Monitor Series will definitely excite your ears. These super-efficient bass-reflex speakers deliver big, dynamic sound *without* the need for high-powered receivers. The 2-way SM 82 combines an 8" poly-coated woofer and a 1" Polycell dome tweeter. Made in USA.

Walnut Item #108SM82W *Black* Item #108SM82B
List Price: $438 ***YOUR PRICE: $299.95 pair***

*The **SM 102** steps up to a 10" woofer for deeper Infinity bass.*
Walnut Item #108SM102W *Black* Item #108SM102B
List Price: $498 ***YOUR PRICE: $349.95 pair***

Specifications: Frequency Response 42-27,000 Hz/35-27,000 Hz, Max. Power 125/150 watts, dark walnut or black vinyl finish. Dim: (SM 82) 18¼"H x 11¼"W x 11¼"D, (SM 102) 21¼"H x 12¼"W x 12¾"D. Warranty: 5 years.

Infinity SM 112 • SM 122

The digital age demands a high-performance speaker with crystalline highs, detailed midrange and driving bass. Add high efficiency to the list and you've just described Infinity Studio Monitors. 1" Polycell tweeters deliver the sizzle of a live performance, while the crucial midrange is handled by a 4½" poly-coated driver. The SM 112's 10" poly-coated woofer and super-efficient bass-reflex enclosure for strong bass at any volume level. Made in USA.

Walnut Item #108SM112W
Black Item #108SM112B
List Price: $738 ***YOUR PRICE: $529.95 pair***

*The **SM 122** sports a 12" driver for pounding bass that's sure to rock you.*
Walnut Item #108SM122W *Black* Item #108SM122B
List Price: $898 ***YOUR PRICE: $649.95 pair***

Specifications: Frequency Response 35-27,000/32-27,000 Hz, Max. Power 175/200 watts, dark walnut or black vinyl finish. Dimensions: (SM 112) 30½"H x 13½"W x 13½"D, (SM 122) 35⅜"H x 14⅞"W x 13½"D. Warranty: 5 years.

FOCUS

Polk Audio Takes Speaker Technology to New Heights

The development of the CD showed how superior technology can increase our enjoyment of music. A new way of looking at things combined with the advantages of new technology to produce a way of getting better sound.

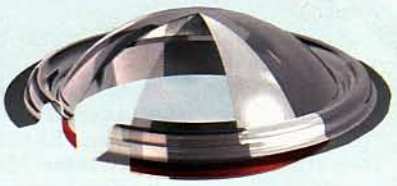
Likewise, Polk Audio has taken speaker performance to new heights. They used "laser interferometry" testing to see the microscopic motion of a speaker's moving parts—its woofer cones and tweeter domes (see graphs).

The ability to measure speaker performance more precisely led Polk designers to create even better speaker materials—entirely new composites blending strong, rigid materials with soft, non-resonant ones. The result is woofers and tweeters that sound clearer than any to date.

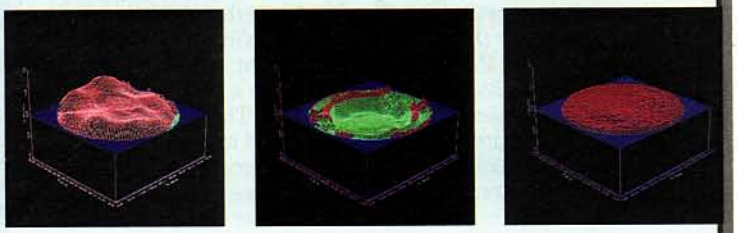
Polk then built a new set of speakers around these superior drivers—the "LS" and "S" series. Everything—from the shape of the cabinets, design of the crossovers, right down to the custom-made screws—is optimized for clarity, transparency and sound-staging.

Polk calls this total design approach "Dynamic Balance." Technically, it's the balanced operation of the speaker's moving parts and the rigid stabilization of its stationary parts.

Musically, it's what makes Polk Audio speakers seem to "disappear," so you hear the music, not the speakers.



The LS Series dome tweeter is an example of Polk's advanced composite technology. Stiff materials (vapor-deposited aluminum and stainless steel) are combined with a compliant base (anti-resonant polyamide) for true piston-like performance, free of vibration-induced coloration.



A laser can see and measure the distortion of speaker cones in motion. Distortion from radial breakup is measured on the left, concentric breakup in the center. Polk Audio's Dynamic Balance design (right) produces measurably less distortion for a higher level of sonic accuracy.

Polk LS70 • LS50

One listen and you'll understand why *Stereo Review* calls the LS70 "superb." The true test of high-quality speakers is their ability to create an accurate, realistic stereo image of the original performance. In evaluating the LS70, *Stereo Review* found that, "spatial imaging, both lateral and vertical, was outstanding...probably the most accurate localization we have yet experienced..."

Inside the LS70's beautifully finished towers is some very advanced Polk Audio technology. Their trilaminate dome tweeter is mated with two unique 7½" Dynamic Balance drivers. The elegant tapered shape of the cabinet helps eliminate internal standing waves, while internal bracing and 1" thick baffles help produce rock-solid bass. Add it all up and it's no surprise *Stereo Review* concludes by saying, "the Polk LS70 is an exceptional value." Made in USA.

LS70 Specifications: Freq. Response. 37-25,000 Hz (-3dB), Max. Power 250 watts. Oak or Black vinyl or Rosewood laminate finish. Dim: 37"H x 12¼"W x 14⅝"D. Warranty: 5 years.

Rosewood laminate Item #107LS70R *Oak* Item #107LS70
Black Item #107LS70B
List Price: $1200 ***YOUR PRICE: $1099.95 pair***

*The slightly smaller **LS50** teams two 6½" drivers with the same tweeter. The stereo image is just as impressive. However, as you'd expect from the smaller enclosure, the deep bass rolls off compared to the LS70.*

LS50 Specs: Freq. Resp. 45-25,000 Hz (-3dB), Max. Power 250 watts. Oak or Black vinyl or Rosewood laminate finish. Dim: 32½"H x 10⅜"W x 11⅝"D. Warranty: 5 years.

Rosewood Laminate Item #107LS50R *Oak* Item #107LS50
Black Item #107LS50B List Price: $900 ***YOUR PRICE: $779.95 pr.***

Polk S10 • S8

Polk's S Series brings Dynamic Balance technology within almost every music lover's budget. With specially-designed drivers and high-tech materials, these 2-ways yield highly musical sound. The S10's 1" Dynamic Balance dome tweeter delivers a silky open feel, and a special 7½" driver and 10" sub bass radiator combine for rich, deep bass. Made in USA.

S10 Specs: Freq. Resp. 39-23,000 Hz (-3dB), Max. Power 200 watts. Oak or Black vinyl. Dim: 29"H x 12½"W x 10½"D. Warr: 5 yrs.

Oak Item #107S10 *Black* Item #107S10B
List Price: $700 ***YOUR PRICE: $549.95 pair***

The S8 bookshelf model offers the same tweeter, and Polk's unique 7½" driver is matched with a 7½" bass radiator to deliver bass with authority.

S8 Specifications: Frequency Response 42-23,000 Hz (-3dB), Maximum Power 150 watts. Oak or Black vinyl finish. Dimensions: 25"H x 11½"W x 8¾"D. Warranty: 5 years.

Oak Item #107S8 *Black* Item #107S8B
List Price: $500 ***YOUR PRICE: $429.95 pair***

Polk S6 • S4

Attention to detail is another hallmark of the Polk S series. Details as subtle as the tweeter faceplate and grille frame geometry can affect the stereo image, so special contours and reverse bevels are used to control diffraction. It's part of why they sound so effortlessly clear. The S6 uses a 1" dome tweeter, 6½" woofer and a 6½" bass radiator to produce "incredibly rich sound" and "a remarkable stereo image," according to audio writer Rich Warren in the *Chicago Tribune*. Made in USA.

S6 Specifications: Frequency Response 45-23,000 Hz (-3dB), Maximum Power 125 watts. Oak or Black vinyl finish. Dimensions: 21¼"H x 10¼"W x 7¾"D. Warranty: 5 years.

Oak Item #107S6 *Black* Item #107S6B
List Price: $400 ***YOUR PRICE: $349.95 pair***

The S4 uses the same woofer and tweeter, but in a smaller, ported enclosure. Stereo Review stated, "its frequency response over most of the audio range was among the flattest we have measured."

S4 Specifications: Frequency Response 50-23,000 Hz (-3dB), Maximum Power 100 watts. Oak or Black vinyl finish. Dimensions: 15½"H x 9½"D x 7¼"D. Warranty: 5 years.

Oak Item #107S4 *Black* Item #107S4B
List Price: $280 ***YOUR PRICE: $249.95 pair***

Polk Monitor • MiniMonitor

If you're looking for Polk Audio sound quality from a compact speaker, something for a second room or a tight budget, consider the Monitor Series. These two models are exceptional values.

The Monitor is a sealed enclosure built around a 6½" composite mid/bass driver (like the S6 and S4 models) and a ½" fluid-cooled dome tweeter. They're accurate (as the name Monitor implies), yet they're also extremely efficient. A perfect match for small receivers. Made in USA.

Monitor Specifications: Frequency Response: 55-23,000 Hz (-3dB), Maximum Power 100 watts. Black vinyl finish. Dims: 14"H x 8½"W x 7¾"D. Warranty: 5 years.

Item #107MONITOR
List Price: $220 ***YOUR PRICE: $179.95 pair***

*The **MiniMonitors** use a 5¼" driver in a smaller, ported enclosure. They're perfect for surround sound or adding music in the den or bedroom.*

MiniMonitor Specs: Frequency Response 67-23,000 Hz, Max. Power 100 watts. Black vinyl finish. Dim: 10½"H x 6½"W x 7"D. Warranty: 5 years.

Item #107MINIMON
List Price: $160 ***YOUR PRICE: $139.95 pair***

Traditional speakers (left) can provide visual clutter.

Polk's RM3000 3-piece speaker system (right) blends into your decor. White mid/tweeter units sit on the mantle. The subwoofer module doubles as a table next to the armchair.

Polk RM3000 *Sound That Stands Out, from Speakers That Blend In*

Times change. Those big box speakers that peeled the paint off the frat house walls, as fine as they still sound, just don't fit in with your nice new home furnishings. Does growing up mean you have to learn to live without stereo as you've always known it?

Well, you might have to lose the big boxes, but you don't have to say goodbye to the sound you still crave. Now it's possible to enjoy the full range and visceral impact of your music without sacrificing good looks or floor space.

Polk makes this possible with two beautiful, sweet-sounding satellites that mount on a wall or nestle in a bookshelf, and a subwoofer module that can be disguised as an accent table or simply hidden out of sight in your listening room.

Sound Science

For broad dispersion and a convincing 3-dimensional image, small satellite speakers have many technical advantages. Polk capitalized on this fact by creating a very compact 2-way speaker for the mids and highs. Behind the grille you'll see the stepped-back "time-aligned" configuration of the tweeter and midrange driver.

Matthew Polk led the team of audio engineers that designed Polk's compact midrange/tweeter satellite.

To prevent unwanted resonance, cabinet materials are over four times as dense as conventional enclosures.

For really impressive bass response, Polk's subwoofer uses two 6½" drivers coupled to a 10" sub-bass radiator. This design is more efficient at producing the very lowest frequencies, while providing a sharp roll-off at the upper end so no midrange signals are heard from the subwoofer. This roll-off preserves the stereo image of the satellites, and since the subwoofer handles only the very low, non-directional sounds, it can sit almost anywhere.

Specifications: Frequency Response 42-18,000 Hz (-3dB), Max. Power 125 watts. Dim: (satellites) 7"H x 4⅜"W x 5½"D; (subwoofer) 12½"H x 20¼"W x 13"D. Warranty: 5 years.

The subwoofer included with the RM3000 and RM5000 uses twin 6½" drivers and a 10" sub-bass radiator.

Three satellite finishes available. The included subwoofer comes in matte black only.

Matrix Black Item #107RM3000M *Gloss Black* Item #107RM3000B
Gloss White Item #107RM3000W
List Price: $850 ***YOUR PRICE: $749.95***

Polk RM5000 *How 4 Small Speakers Make a Jet Cross Your Room*

For home theater systems with Dolby Pro-Logic Surround, Polk engineered the RM5000 (pictured at right), which includes a subwoofer module (like RM3000 above), left and right satellites, plus a voice-matched center-channel speaker that produces seamless transitions as the action moves across the screen. The RM5000's spacious soundstage and precise image detail allow your sound system to recreate the sensations the film director had in mind—like the sweeping roar of a jumbo jet thundering across the sky. With bass you can feel as well as hear, just remember—when the earthquake hits, it's only a movie. Right?

Matrix Black Item #107RM5000M List Price: $1100 ***YOUR PRICE: $949.95***

Advent Mini

Compact, affordable Minis are perfect for a bedroom or dorm room. The tapered cabinet, with solid pecan accents, looks right at home on a bookshelf or even mounted on the wall with the optional wall brackets. And you can place them vertically or horizontally. Don't let the name fool you. The Advent Minis may be small, but they can crank out full-size sound. The two-way, bass-reflex design uses ½" polycarbonate domes for extended highs. The 5¼" high excursion woofers produce surprising bass. *Weather-resistant **Indoor/Outdoor Minis**, available in either matte black or contemporary white finish, are an attractive alternative to the Mini's traditional styling.* Made in USA.

Specifications: Frequency Response 110-21,000 Hz (±3dB); Maximum Power 40 watts; Dimensions: 11"H x 6½"W x 5⅛"D. Warranty: 5 years.

Pecan accents Item #005MINI *Black* Item #005IOMINI2
White Item #005WHTMINI List Price: $230

YOUR PRICE: $159.95 pair

Quick-disconnect wall-mount brackets
Black Item #005BRACKET *White* Item #005WHTBRKT ***$59.95***

Advent Baby III

The Baby III is an exceptional value in a bookshelf speaker. It's the latest version of our best-selling speaker ever. Combining a ferrofluid-cooled dome tweeter and 6½" woofer, the Baby III's sound is smooth and unforced, with good dispersion and imaging. Works best on a bookshelf or speaker stands. Made in USA.

Specifications: Frequency Response 60-21,000 Hz (±3dB), Maximum power 50 watts. Dimensions: 16½"H x 11¼"W x 6⅜"D. Warranty: 5 years.

Pecan accents Item #005BABY3
List Price: $270 ***YOUR PRICE: $199.95 pair***

Advent Heritage • Laureate

Get ready to convert your living room into a concert hall! These loudspeakers deliver incredible sound quality and stereo imaging. The Heritage combines an airtight cabinet, dual 8" high excursion woofers for tight, clean bass, a 1" fluid-filled soft dome tweeter, and a precision crossover network for really spectacular sound. From Chopin to hard rock, your music is sure to sound awesome. Handsomely-styled solid pecan accents add a fine finishing touch. Made in USA.

Specifications: Frequency Response 42-23,000 Hz (±3dB), Maximum Power 150 watts (125 watts for Laureate), solid pecan wood accents. Dimensions: 37¾"H x 10½"W x 13⅜"D; (Laureate) 33⅞"H x 9"W x 12¾"D. Warranty: 5 years.

Item #005HERITGE List: $700 ***YOUR PRICE: $649.95 pair***

*The **Laureate** uses a similar design, with dual 6½" woofers and a slightly smaller cabinet.*
Item #005LAUREAT List: $550 ***YOUR PRICE: $499.95 pair***

Advent Mini II/Subwoofer III System

Don't believe the "experts" if they say that you need huge, expensive speakers in order to enjoy full-range sound. Advent's easily affordable Mini/Subwoofer System lets you hear *all* of the music.

Here's how: the Advent Minis produce midrange frequencies and ultra-crisp highs with "point-source" accuracy. The Subwoofer III handles frequencies below 180 Hz. Place it anywhere in the room—under a table, behind a plant—wherever is convenient. Inside are twin 6½" woofers that can pound out bass notes like speaker systems many times larger. It's the best of both worlds: easy, space-saving size and full-range performance. Made in USA.

Specifications: System Freq. Response 50-21,000 Hz (±3dB); Max. Power 75 watts. Subwoofer has black textured vinyl finish and is 8½"W x 13"H x 15½"D. Warr: 5 years.

System with Black satellites Item #700IO2SB3
List Price: $520 ***YOUR PRICE: $299.95 system***

The Advent Subwoofer is also available separately. (Designed for use only with the Advent Mini or Mini II.)
Item #005SUBIII List Price: $290 ***YOUR PRICE: $159.95***

Advent Prodigy Tower II • Video-shielded Prodigy

The slender, elegant Prodigy Tower offers superb sound for audiophiles who don't have room for large speakers. An 8" long-excursion woofer produces plenty of the taut, controlled bass that Advent is famous for. And the ¾" fluid-cooled soft dome tweeter is positioned at ear level, so you'll hear a more open, spacious sound.

Specifications: Frequency Response 45-23,000 Hz (±3dB); Max. Power 75 watts; solid hardwood accents. Dim: 28½"H x 10⅛"W x 8⅞"D. Warranty: 5 years. Made in USA.

Prodigy Tower II *Pecan accents*
Item #005TOWER2 List Price: $380

YOUR PRICE: $319.95 pair

*The **Video-shielded Prodigy** can be placed close to your TV without causing magnetic interference. Available only in black finished oak.*
Video-shielded Prodigy Item #005VSTOWER
List Price: $400 ***YOUR PRICE: $349.95 pair***

Advent Legacy III

"The Advent Legacy III is unquestionably an excellent value for its price." That's a quote from the October issue of *Stereo Review*. Here's another: "The Legacy III had the deepest low-bass output we have heard from currently available speakers in its price range, or from many at considerably higher prices." Whether you listen to rock, country, jazz, or classical, the Legacy IIIs get out of the way and let the music come through. Each includes a 10" dual voice coil woofer, 1" fluid-cooled soft dome tweeter, and a 6/8 ohm impedance selector. Made in USA.

Specifications: Frequency Response 40-23,000 Hz (±3dB), Maximum Power 100 watts, solid pecan accents. Dimensions: 32⅞"H x 14"W x 10½"D. Warranty: 5 years.

Item #005LEGACY3 List Price: $450 ***NEW LOW PRICE: $379.95 pr.***

NHT Super Zero

For a speaker this tiny, NHT's Super Zero sounds pretty remarkable! Designed by computer and fine-tuned by ear, it brings true high performance sound to a wide range of applications. Each Super Zero uses a 1" fluid-cooled soft dome tweeter and a 4½" high-excursion woofer recessed in the enclosure's front baffle. Used as a pair, these tiny speakers sound surprisingly spacious, with impressive imaging. And the Super Zero is video shielded, so it's ideal for use as the single center-channel speaker in your A/V system. Made in USA.

Specifications: Frequency Response (±3dB) 85-25,000 Hz, Maximum Power 50 watts, 8-ohm impedance. Dimensions: 9"H x 5½"W x 5"D. Warranty: 5 years.

High-gloss Black Item #228SZCB *High-gloss White* Item #228SZCW
Natural Oak Veneer Item #228SZCO
List Price: $115 ***YOUR PRICE: $99.95 each***

NHT Model 1.1 • Model 1.3A

Get ready to hear smooth, natural sound that's so spacious, it's startling. NHT's Model 1.1 includes a carefully-matched 6½" woofer and 1" soft dome tweeter mounted in a specially angled front baffle. The sound is aimed into the listening area, reducing wall reflections that can smear stereo images, and producing clarity, balance, and you-are-there realism rarely found in speakers in this price range. Magnetically-shielded, the Model 1.1 is ideal for video applications (see p. 117 for 1.1C center-channel version). Made in USA.

Specifications: Frequency Response (±3dB) 63-25k Hz (55-25k Hz for Model 1.3A), Max. Power 100 watts. Dimensions: (Model 1.1) 12"H x 7"W x 10"D, (Model 1.3A) 16½"H x 7"W x 10"D. Warranty: 5 years.

Oak Item #228NHT11 *High-gloss Black* #228NHT11B
List Price: $380 ***YOUR PRICE: $339.95 pair***

Model 1.3A *positions the mid-woofer above the tweeter for noticeably improved detail and spaciousness. And its larger enclosure provides greater low frequency extension, with tighter, more articulate bass.*

High-gloss Black Item #228NHT13AB
List Price: $500 ***YOUR PRICE: $449.95 pair***

NHT SW2P *Powered Subwoofer*

Very few subwoofers can deliver low bass notes like NHT's SW2P. Its vented, high-gloss black enclosure houses a 10" high-compliance woofer, 4-layer voice coil, and low-distortion magnet. Teamed with a powerful 80-watt mono amplifier and built-in adjustable low-pass crossover, it provides incredibly clean, deep bass down to 21 Hz! Great for home theater! Preamp and speaker-level inputs, and speaker-level outputs. Made in USA.

Subwoofer Specs: Freq. Resp. 21 Hz-adjustable, Max. Power 200 watts. Dim: 16"H x 16"W x 16"D. Warr.: 5 years. **Amp Specs:** 80 watts mono into 8 ohms at 0.1% THD. Selectable crossover frequencies 50/80/110 Hz. Dim: 16"W x 3½"H x 10"D. Warr.: 1 year.

Item #228SW2PB List Price: $650 ***YOUR PRICE: $599.95***

Yamaha NS-A525

Looking for an inexpensive bookshelf speaker with rich sound quality? Yamaha's 2-way NS-A525, at $99.95 a pair, outperforms many speakers costing much more. Each acoustic suspension-type enclosure houses a 6" paper cone woofer and a ¾" fluid-cooled semi-dome tweeter for pretty impressive musical accuracy. The bass is taut and true, the highs are crisp and clear.

Specifications: Frequency Response 95-20,000 Hz, Maximum Power 60 watts, black ash vinyl finish. Dimensions: 12"H x 8"W x 8½"D. Warranty: 2 years.

Item #022NSA525 List Price: $125 ***YOUR PRICE: $99.95 pair***

Yamaha NS-A635 • NS-A835

Looking for "live performance" sound from a bookshelf speaker? Try one of these Yamaha 3-ways. The NS-A635's acoustic suspension enclosure houses an 8" paper cone woofer, a natural-sounding 4" fluid-cooled midrange, and a ¾" fluid-cooled semi-dome tweeter. From the deep growl of an upright bass, to the shrill penetration of the piccolo, this Yamaha reproduces with impressive sound for a speaker this size.

Specifications: Frequency Response 90-20,000/50-20,000 Hz, Maximum Power 100/150 watts, black vinyl finish. Dimensions: 16¼"H x 10½"W x 12⅛"D; (NS-A835) 22¾"H x 14¾"W x 14¼"D. Warranty: 2 years.

Item #022NSA635 List Price: $175 ***YOUR PRICE: $119.95 pair***

A bookshelf speaker that definitely doesn't sound bookshelf-sized, the larger ***NS-A835*** *steps up to a 12" woofer for deeper bass, a high temperature-resistant voice coil on the 4" midrange, and a 1" ferro-fluid cooled dome tweeter for smoother, more transparent highs.*

Item #022NSA835 List Price: $300 ***YOUR PRICE: $229.95 pair***

Yamaha YST-SW50C *Powered Subwoofer*

The compact, affordable YST-SW50C is further proof that subwoofers can no longer be thought of only as luxury components for high-end audio systems, and don't need to be the size of small coffee tables to produce deep, clean bass. Using Yamaha's exclusive Active Servo Technology, a 7" paper cone driver, and a tuned-port cabinet, this high-tech subwoofer produces much more bass than you'd expect–with remarkably low distortion! Easy to hook up and use, it includes a built-in 50-watt amp, and front panel controls for volume and its continuously variable crossover (50-200 Hz). The video-shielded YST-SW50C can be positioned vertically or horizontally, so it's easy to find the right spot for it in any room. Combine this powered sub with a pair of quality bookshelf speakers and get ready to be impressed! Preamp & speaker-level inputs, speaker-level outputs.

Specifications: built-in 50-watt amp, Frequency Response 25-250 Hz, continuously variable 50-200 Hz crossover, 18dB/octave slope. Dim: 18¾"H x 8½"W x 13⅛"D. Warranty: 2 years.

Item #022YSTSW50 ***YOUR PRICE: $349.95***

Bose 10.2 Series II

Bose's "Stereo Everywhere" speakers are the only ones we've heard that let listeners clearly hear both speakers from anywhere in the room. The cut-away diagram of their top-of-the-line Model 10.2 Series II shows how this engineering triumph was achieved. In the upper section of each mirror-image enclosure is the Stereo Targeting array: an 8" driver for the midrange and two tweeters for the highs. Extensive computer analysis dictated the optimum size and location of the drivers for the widest stereo image: the midrange fires toward center stage, one tweeter fires forward, and the other towards the center of the room. For bass frequencies, the 10.2 incorporates Bose's acclaimed Acoustimass design. An 8" woofer inside each cabinet fires into two chambers, each with a specially tuned port. Unlike conventional speakers which rely almost entirely on forward cone movement for bass, the Acoustimass system makes efficient use of both forward and rearward woofer movements. The two tubular ports are carefully tuned to different frequencies so that their moving air masses combine to produce really true-to-life bass. The 10.2 Series II lets you have it all: vivid "Stereo Everywhere" *plus* stunning Acoustimass bass performance. Even before all these refinements, *Stereo Review* called the original 10.2 "one of the best sounding speakers we've ever heard."

Features: Stereo Targeting System, dual-chamber Acoustimass bass enclosure, teak hardwood veneer finish, Recommended Power 10-180 watts, 8-ohm impedance, Dimensions: 39¾"H x 12"W x 12"D. Warranty: 5 years.

Item #700TEN2II List Price: $1299 ***YOUR PRICE: $1099.95 pair***

Bose 6.2

Placed on a bookshelf, or on the optional stands, the Bose 6.2 fills your room with music like no other speaker in its price range. And in your audio-video system, voices seem to come right from the TV screen, not from separate speakers. Each dual-chamber enclosure includes an 8" woofer and two axial-mounted, 3" tweeters. This Stereo Targeting System makes beautiful music that's matched by the beautiful 6.2 design and genuine hardwood veneer finish.

Features: Stereo Targeting System, dual-chamber bass venting enclosure, teak hardwood veneer finish, Recommended Power 10-100 watts, 4-ohm impedance, Dimensions 10"H x 20"W x 9⅝"D. Warranty: 5 years.

Item #018SIX2 List Price: $629 ***YOUR PRICE: $499.95 pair***

Model AS-3 Speaker Stands Item #018AS3 ***$79.95 pair***

Please see page 128 for high-performance speaker wire from Monster Cable

Bose 4.2 Series II

Bose's 4.2 Series IIs produce a natural blend of direct and reflected stereo sound to let you hear both speakers—no matter where you're sitting. Each is designed with a forward-firing 8" woofer and two 3" tweeters that radiate toward the center of your room. You hear all the music, with a richness that's remarkable for speakers this affordable.

Features: Stereo Targeting System, Slot-port enclosure, teak-grain or black vinyl finish, Recommended Power 10-150 watts, 8-ohm impedance, Dimensions: 10½"H x 17"W x 9¼"D. Warranty: 5 years.

Teak Item #018FOUR2II *Black* #018FOUR22B

List Price: $350 ***YOUR PRICE: $319.95 pair***

Model AS-3 Speaker Stands Item #018AS3 ***$79.95 pair***

Bose 2.2 Series II

The attractive, easily affordable 2.2 Series IIs are perfect for your first system. With Bose's unique enclosure design, 6½" long-excursion woofers, and 2¼" tweeters, your entire listening area will be flooded with full "Stereo Everywhere" sound.

Features: Slot Port bass tuning enclosure, teak-grain or black vinyl finish, Recommended Power Range 10-120 watts, 8-ohm impedance, Dim: 9⅞"H x 14½"W x 7½"D. Warr: 5 years.

Teak Item #018TWO2II *Black* Item #018TWO2IIB

List Price: $220 ***YOUR PRICE: $199.95 pair***

Bose AM-5 Series II • AM-7

Bose sale prices effective through March 31, 1994

"No one in our acquaintance who has heard these speakers has failed to be amazed and even awed by their performance." So said *Stereo Review* in its enthusiastic review of the original Bose AM-5 satellite/subwoofer system. The AM-5 Series II (incorporating further refinements and updated cosmetics) will leave you similarly impressed. Small enough to fit anywhere, the two pairs of satellite speakers are magnetically shielded (so you can place them next to your TV), and they can be rotated to provide the perfect mix of direct and reflected sound. The Acoustimass bass module can be set in a horizontal or vertical position, so it'll fit neatly out of sight, but definitely putting out the bass.

Features: Four (Six for AM-7) 2½" magnetically-shielded, wide-range drivers in cube speaker arrays (each array 6⅜"H x 3⅛"W x 4¾"D), Acoustimass bass module with two 5¼" low frequency drivers 7½"H x 14"W x 19¼"D. Recommended power 10-200 watts from receivers rated from 4 to 8 ohms. Warranty: 5 years.

AM5II *Black* Item #018AM5II *White* Item #018AM5IIW

List Price: $799 **SALE: $649.95**

The AM-7 (pictured) is designed for home theaters equipped with Dolby Pro-Logic Surround. It offers a similar bass module, left and right cube-array satellites, plus a matched center-channel satellite speaker.

AM7 *Black* Item #018AM7 *White* Item #018AM7W

List Price: $949 **SALE: $799.95**

Optional wall brackets for satellites

Black Item #13825RSTBB *White* Item #13825RSTBW ***$59.95 pair***

Bose 101

Whether as remote speakers in your main system, or used in a kitchen or bedroom, these compact speakers deliver startlingly good sound with just a little power. Optional C-clamp-style brackets attach to a desk or shelf. The 101's high-impact polystyrene enclosure and weatherproof grille make it an ideal choice on the patio or poolside. Impedance: 4 ohms. Power range: 10-60 watts. Dim: 9"W x 6"H x 5"D. Warranty: 5 years.

White Item #018MM101W *Black* Item #018MM101B
List Price: $219 ***YOUR PRICE: $169.95 pair***
Multi-purpose Mounting Arms with C-clamp brackets
Item #018MMA4 ***$49.95 pair***
Wall Brackets Item #018WB10 ***$24.95 pair***
Travel Bag Item #018TB2 ***$79.95***

Bose RoomMate II

Simply plug a portable CD player or Walkman into the Bose RoomMate IIs and experience the full impact of the music. *Anywhere.* In your car, outdoors, at work, and in your home. The built-in amp and 2-stage active equalization assure true-to-life sound, with plenty of bass, and a maximum sound pressure level of 102 dB! Each rugged RoomMate II is constructed of a fiberglass-reinforced composite and measures just 9½"W x 6½"H x 6½"D. The optional rechargeable battery pack/bag lets your HiFi system go anywhere and play at full volume for up to 12 hours! (Simply plug it into a wall outlet overnight for a full recharge.) The battery pack is built into a sturdy Bose travel bag that holds a pair of RoomMate IIs, your portable CD player, Walkman, discs, tapes, etc. You can even play the RoomMates right in the bag!

RoomMate II Item #018RM2
List Price: $329 ***YOUR PRICE: $299.95 pair***
12-hour Battery in Travel Bag with 12-volt adapter
Item #018PC1 ***$179.95***
Wall Brackets Item #018WB10 ***$24.95 pair***

Cerwin-Vega HT-10D • HT-12D *Subwoofers*

For deep, rich bass you can really hear (and feel), add one of these Cerwin-Vega subwoofers to your system. Inside the HT-10D's black woodgrain ported cabinet is a rugged 10" dual voice coil front-firing woofer. Simply connect the speaker outputs from your receiver to the sub's input terminals. A built-in crossover sends frequencies below 125 Hz to the subwoofer. Then, just run the speaker wires from the Cerwin-Vega's output terminals to your main speakers for frequencies above 125 Hz. Low frequencies are non-directional, so you can place these subs almost anywhere in your listening room. Works with systems rated to 100 watts per channel. Made in USA.

Specifications: Frequency Response 40-125 Hz, Sensitivity 94 dB (95 dB for HT-12D), Maximum Power 100 watts (150 watts for HT-12D), 8-ohm impedance. Dimensions: 16⅞"H x 18½"W x 13¼"D (18⅞"H x 23"W x 15¼"D for HT-12D). Warranty: 5 years.

Item #050HT10D List Price: $330 ***YOUR PRICE: $219.95*** (pictured)
*For really deep bass, the **HT-12D** houses a 12" woofer in a larger, dual-port enclosure. Works with systems rated to 150 watts per channel.*
Item #050HT12D List Price: $445 ***YOUR PRICE: $299.95***

Target TAP-5 • BT-1 Speaker Brackets

TAP-5

BT-1

These two clever bracket designs open up new speaker placement possibilities by allowing you to mount your small- to medium-sized bookshelf speakers on the wall. The TAP-5 consists of a pair of two-piece metal platforms, each with two adjustable slots that adapt the platform size to fit your speakers (maximum 10⅞" deep). Each platform rests on a swivel mount. A beefy, L-shaped tubular steel support mounts to the wall with two screws. Each bracket supports up to 40 lbs. when anchored to a wall stud.

TAP-5 Item #121TAP5 ***YOUR PRICE: $59.95 pair***

*For lighter speakers, the **BT-1's** brackets mount to your speakers, while separate supports mount to the wall. Angle and up/down tilt are adjustable. We recommend a limit of 22 lbs. per speaker when mounted on drywall.*

BT-1 Item #121BT1 ***YOUR PRICE: $29.95 pair***

Wood Technology Speaker Stands

Small to medium-sized speakers need stands to sound their best. With solid hardwood bases & uprights and black hardwood laminate platforms, these stands tighten bass and open up the sound. Assemble in minutes with just a screwdriver. When ordering models 410 and 510, replace the question mark in the item number with "**E**" for ebony, "**K**" for oak, or "**W**" for walnut.

Model 410 8" tall, 3 degree tilt.
Platform 8½" sq., base 11" sq.
Item #188?410 ***$39.95 pair***

Model 510 12" tall, 3 degree tilt.
Platform 8½" sq., base 11" sq.
Item #188?510 ***$44.95 pair***

Model 610 16" tall, ebony finish.
Platform 8½" sq., base 11" sq.
Item #188E610 ***$49.95 pair***

Model 710 22" tall, ebony finish.
Platform 6½" sq., base 11" sq.
Item #188E710 ***$54.95 pair***

Model 810 26" tall, ebony finish.
Platform 6½" sq., base 11" sq.
Item #188E810 ***$59.95 pair***

Speaker Stand Spikes (8 pack)
Item #188SPIKES ***$10.95***

Play Multiple Pairs of Speakers in Your Home Simultaneously...and Safely!

Add up to 4 pairs of speakers to your system with the **Niles Audio SPS-4 Speaker Selector.** Protection circuitry is built in, so there's a safe operating load for any amp up to 100 watts per channel. Accepts speaker wires up to 14 gauge, or pin connectors.

Dimensions: 8½"W x 2"H x 7"D.
Item #190SPS4 ***YOUR PRICE: $99.95*** (pictured)

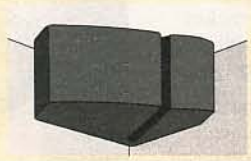
*The **SPS-6** accommodates up to 6 pairs of speakers.*
Dimensions: 11¼"W x 2"H x 7¼"D.
Item #190SPS6 ***YOUR PRICE: $129.95***

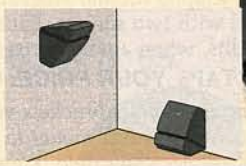
*The **HDL-4** High Definition model accommodates up to 4 pairs of speakers and handles amps up to 250 watts per channel.*
Dimensions: 17"W x 2"H x 9"D.
Item #190HDL4 ***YOUR PRICE: $169.95***

*The **HDL-6** High Definition model handles amps up to 250 watts per channel and accommodates up to 6 pairs of speakers.*
Dimensions: 17"W x 2"H x 9"D.
Item #190HDL6 ***YOUR PRICE: $199.95***

Polk M3 *Multi-Purpose Monitors*

Here's the most versatile speaker we've ever seen. Mount them on the wall, in a corner, against the ceiling, or simply sit them on a shelf. The unique shape of the M3 enclosure opens up a world of possibilities. This clever design includes an integrated mounting bracket/stand that makes them the perfect choice for surround speakers. Most importantly, they sound fantastic. Inside each ported, cast composite enclosure is a high-efficiency 5¼" woofer and a wide-dispersion ½" polycarbonate tweeter. The result is full, rich sound with bass that simply amazed us the first time we heard them. Made in USA.





Specifications: Frequency Response 67-20,000 Hz, Maximum Power 100 watts, 8-ohm impedance. Dimensions: 11¼"H x 6½"W x 8¼"D. Warranty: 5 years.

Black Item #107M3B *White* Item #107M3W

List Price: $240 ***YOUR PRICE: $199.95 pair***

All-weather M3 *For outdoor use, this rugged version includes fully-sealed enclosures and corrosion-proof, perforated grilles. In white only.*

Item #107AWM3W

List Price: $300 ***YOUR PRICE: $249.95 pair***

Advent Focus *Center Channel Speaker*

With the same sweet, uncolored sound that Advent speakers are famous for, the handsome Focus is a natural center-channel speaker for your Dolby Pro-Logic home theater system. It houses two 4" dual-cone drivers and is angled for placement above or below your TV, so voices project and effects are realistically reproduced as the sound tracks the action across your TV screen. And the Focus is magnetically-shielded, so you can place it right next to the screen without fear of interference. Made in USA.

Specifications: Frequency Response 80-20,000 Hz, 8-ohm impedance, Maximum Power 75 watts. Dimensions 13"W x 6"H x 5⅞"D. Warranty: 5 years.

Item #005FOCUS List Price: $150 ***YOUR PRICE: $129.95 each***

AR *Powered Center Channel Speaker*

With a built-in 35-watt amp, AR's PP-570CC makes an ideal add-on to any Dolby Pro-Logic system that doesn't supply center-channel power. Its enclosure is magnetically shielded, so there's no problem putting it right on top of your TV. Volume and tone controls are on the front for easy access. Its 4" long-throw woofer packs amazing bass punch, and a 1" fluid-cooled poly dome tweeter delivers super-crisp highs. Made in USA. *Requires patch cable (not included).*

Specifications: Frequency Response 40-25,000 Hz (±3dB). Dim: 10½"W x 6⅛"H x 7⅝"D. Warr: 2 years.

Item #058PP570CC List Price: $200 ***YOUR PRICE: $149.95 each***

Polk CS 150 • CS 250S *Center Channel Speakers*

For a limited time, the CS-150, one of our best-sounding center channel models, is *FREE when you buy a pair of Polk front speakers (S4 or higher) and Polk surround speakers.* The CS 150 offers excellent tonal balance (to blend well with your main speakers), wide dynamic range, and placement flexibility. Its shielded 4½" Dynamic Balance driver, 4½" bass radiator, and ½" dome tweeter provide crisp, full sound for the on-screen action. The cabinet fits anywhere: on top, beneath, or beside your TV. Made in USA.

Specifications: Freq. Response 100-20,000 Hz (80-20,000 Hz for CS 250S), 8-ohm impedance, Max. Power 100 watts (150 watts for CS 250S). Dim: 18"W x 6"H x 6"D (8"D for CS 250S). Warranty: 5 years.

Item #107CS150B List Price: $200 ***YOUR PRICE: $169.95 each*** (pictured)

*The **CS 250S** offers increased power handling, plus two 4½" drivers for more powerful bass. An ideal match for Polk "S" Series speakers, it uses the same 1" dome tweeter.*

Item #107CS250S List Price: $300 ***YOUR PRICE: $269.95 each***

Bose VS-100 *Video Speaker*

Use a single VS-100 as your center-channel speaker, or a pair of them for surround. Whatever the application, we know you're going to love that popular Bose sound. Specially designed for use in today's home theater systems, the VS-100 includes a 4½" full range driver housed in a magnetically-shielded, dual tuned-port enclosure that's so compact, it'll disappear into the decor of your room. Wall brackets are optional. Made in USA.

Specifications: Maximum power 100 watts, 8-ohm impedance. Dimensions: 9¼"W x 6¼"H x 6¼"D. Warranty: 5 years.

Black Item #018VS100 *White* Item #018VS100W

NEW LOW PRICE: $119.95 each

Wall Brackets ***$59.95 pair***

Black Item #13825RWXB *White* Item #13825RWXW

Infinity Video-1 *Center Channel Speaker*

Put Infinity's Video-1 center channel speaker in your home theater and command a front row seat! Video-1 teams with your Dolby Pro-Logic system to put voices center stage for breathtaking realism—just like in first-run movie theaters. It features dual 5½" Injection Molded Graphite woofers and a ½" polycarbonate tweeter for awesome dialogue and video sound effects. Magnetic shielding permits placement near your TV without picture interference. The angled enclosure can be positioned to fire sound upward or downward, to fit in a variety of home theater settings. Made in USA.

Specifications: Frequency Response 58-20,000 Hz, Max. Power Handling 100 watts, 8-ohm impedance, black vinyl finish. Dimensions: 18⅜"W x 9"H x 6¾"D. Warranty: 5 years.

Item #108VIDEO1B List Price: $190

YOUR PRICE: $179.95 each

Atlantic Technology 154-SR
Surround Speakers

To recreate the diffuse sound produced in a movie theater with multiple speakers, Atlantic Technology's 154-SR "randomizing" speakers use two 3½" poly drivers angled 105° away from each other for ultra-wide dispersion. A crossover sends different frequencies to the top and bottom drivers, which are also wired out of phase. The resulting "spatially enhanced" surround effects are extremely natural and realistic.

Specifications: Frequency Response 120-12,000 Hz, Maximum Power 110 watts, 8-ohm impedance, Sensitivity 88 dB. Dimensions: 7½"H x 5"W x 4¾"D. Warranty: 2 years.

Black Item #012154SR List: $149 ***YOUR PRICE: $139.95 pair***

White Item #012154SRW List: $169 ***YOUR PRICE: $159.95 pair***

Wall Brackets *Black* #13825RSTB *White* #13825RSTBW ***$59.95 pair***

Atlantic Technology 153-C
Center Channel Speaker

Small and sculpted, the 153-C will look very much at home on top or below your TV. Because movie dialogue comes from the center channel speaker, Atlantic Technology designed the 153-C to reproduce even the lowest registers of the human voice. And because soundtracks recorded for huge movie theaters can sound harsh in your living room, the 153-C is rolled off on the top end for smoother, more pleasing sound. Its low-profile, magnetically-shielded enclosure houses two 3½" poly woofers and a ½" soft-dome tweeter. The speaker's vertical angle can be tilted up or down to precisely aim the sound toward your listening position.

Specifications: Frequency Response 80-20,000 Hz, Max. Power Handling 110 watts, 8-ohm impedance, Sensitivity 89 dB, black finish. Dim: 10½"W x 5"H x 5¾"D. Warr: 2 years.

Item #012153C List Price: $139 ***YOUR PRICE: $129.95 each***

NHT HDP-1
Hybrid Dipole Surround Speakers

In a Dolby Pro-Logic home theater system, the job of the surround speakers is to produce diffuse, ambient sound that'll wrap you in surround effects *without* distracting your attention from the more crucial front channels. So NHT developed the HDP-1, an innovative hybrid design that uses a conventional monopolar 4½" woofer for lower frequencies (105-400 Hz), and two dipolar 3½" drivers for frequencies above 400 Hz. The dual 3½" drivers radiate sound forward and backwards, and are also wired out of phase. The result is sound performance that's incredibly spacious, with extended dynamic response and bass response that's pretty unbelievable from such a tiny wall-mounted speaker! Available in high-gloss black or white. Wall-mounting brackets included. Made in USA.

Specifications: Frequency Response 105-10,000 Hz, Maximum Power 100 watts, 8-ohm impedance, Sensitivity 86 dB. Dimensions: 9¼"H x 5¾"W x 5¾"D. Warranty: 5 years.

Black Item #228HDP1B *White* Item #228HDP1W

List Price: $380 ***YOUR PRICE: $349.95 pair***

Monster Cable XP Speaker Wire available in Navajo White—see page 128.

Memorex *Surround Speakers*

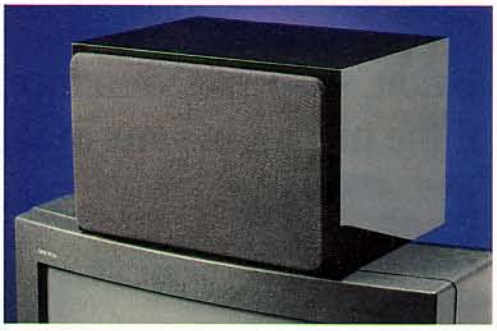
Looking for affordable surround speakers? At $99.95 a pair, the WM-200s are an ideal choice. With a 4" poly woofer and 1" dome tweeter, their sound quality is pretty impressive for speakers this compact. They include adjustable brackets for wall-mounting flexibility, and are available with white or black water-resistant die-cast aluminum enclosures and grilles, so they're perfect for outdoor/patio use too!

Specifications: Frequency Response 55-20,000 Hz, Maximum Power 50 watts, 8-ohm impedance. Dimensions: 7¼"H x 4⅜"W x 4½"D. Warranty: 5 years.

White Item #203WM200W *Black* Item #203WM200B

List Price: $130 ***YOUR PRICE: $99.95 pair***

NHT Model 1.1C *Center Channel Speaker*



With Dolby Pro-Logic Surround sound, dialogue and a lot of other audio information on movie soundtracks comes from the center channel. So when setting up your home theater, it only makes sense to position a high-quality speaker there. The Model 1.1C is a perfect choice. With its 1" soft dome tweeter and 6½" woofer, it delivers the crisp detail, clarity and tight bass that NHT speakers are known for. Magnetically shielded, it can placed next to or on top of your TV with no risk of picture distortion. Available in high-gloss black finish. Made in USA.

Specifications: Frequency Response 63-25,000 Hz, Maximum Power Handling 150 watts, 8-ohm impedance, Sensitivity 88 dB. Dimensions: 7½"H x 12¾"W x 8½"D. Warranty: 5 years.

Item #228NHT11CB List Price: $185 ***YOUR PRICE: $159.95 each***

On a budget? NHT's ***Super Zero*** *is a less expensive alternative for your center channel speaker.* *See page 113 for more details.*

Kenwood LSK-06K *Surround Speakers*

These inexpensive Kenwood surround sound speakers will really improve the sound (and appearance) of your A/V system. The handsome enclosures have a teak vinyl finish. They can be placed vertically or horizontally. Wall mounting brackets are included.

Specifications: Frequency Response 80-20,000 Hz, Maximum Power 40 watts, 8-ohm impedance, Sensitivity 90 dB. Dim: 10⅞"H x 7¾"W x 5¾"D.

Item #113LSK06K List Price: $99

YOUR PRICE: $69.95 pair

Wire Tape
No More Unsightly Speaker Wire on your Walls!

A mere ten thousandths of an inch thick, 18-gauge Wire Tape is a great alternative to running thick speaker wire up your walls. (Great for home security systems, too!) Designed for application directly to drywall or plaster walls, simply peel off the backing paper, apply the self-adhesive Wire Tape, then conceal it with paint or wall paper! 18-foot length with insulated connectors.

Item #123WT168 ***YOUR PRICE: $19.95***

VCRs

Action, suspense, romance, terror. Unleash the power of the movies in your living room with a HiFi VCR

There on the screen, Sigourney Weaver prowls the darkened corridors of an alien spaceship.

The sound of her footsteps intrudes on the eerie, not-quite-silence. From behind, you hear the groaning of metal under stress. Ahead, the echo of dripping water.

Slowly you become aware of an ominous rumbling. So low you feel it more than hear it. So real you find yourself holding your breath.

That's the power of a soundtrack.

A HiFi VCR makes it possible

No matter how compelling a movie's images, it's the soundtrack that creates the intensity that transports you into another world, another time, another life.

In fact, despite all the talk about giant screen TVs, a big home theater sound can make screen size irrelevant, a fact we've discovered over and over as we've tested home theater components.

And once you're familiar with the home theater set up (see page 84), it's easy to see the importance of a HiFi VCR—it's the source of the stereo sound from videocassettes.

Why they're called HiFi VCRs

Early VCRs used a single, stationary head (much like cassette decks) to read and record stereo sound along a narrow strip at the bottom of a video tape.

This method, known as "linear audio" was vulnerable to all kinds of problems, not the least of which was that it just didn't sound very good.

Later, manufacturers discovered how to use rotating heads to lay the audio track below the video track, enabling them make full use of videotape's capability. The result is quality of sound that approaches that of CDs. The term "HiFi Stereo" is used to distinguish between VCRs using this superior method and lesser models using linear audio.

Narrowing down your choices

If you plan to connect your VCR to your stereo system or a stereo TV, now or somewhere down the road, get a HiFi VCR. If not, a mono (non-HiFi) model may be all you need.

If you do a lot of taping (especially collecting episodes of a show on one tape), a Flying Erase Head will make the breaks between segments cleaner. Index Marking (electronic "bookmarks") will make the segments easier to find.

Editing tapes also calls for a VCR with a Flying Erase Head, while Front Panel A/V jacks will speed up connecting your camcorder or second VCR.

And, as always, call us with any questions you may have. You may discover that a feature you aren't familiar with could make all the difference.

Look for the Home Theater sign

Throughout this section, we've identified the VCRs that will work in your Home Theater system! And remember, product information and expert advice are just a toll-free phone call away!
1-800-955-3000

What to Look For

Number of Video Heads

Two video heads are the minimum needed in a VCR. Two additional heads are added (for a total of four) to improve special effects, such as slow motion and still frames. Without four video heads, slow motion is barely watchable and still frames are hardly ever still.

Flying Erase Head

A key feature for editing tapes, it erases a portion of the tape a fraction of a second before a recording head lays down a new image. The result is edits and breaks between recorded segments that are free of glitches and "rainbow" effects.

VCR Plus+ w/cable box control

The easiest way yet to set up a VCR to tape shows. Simply enter the show's "Plus Code" (found beside the show in your TV listings) and the VCR is automatically set for the correct channel, date and times. If you're using a cable converter box, the VCR can even switch the box to the correct channel automatically.

Jog/Shuttle Dial

A faster, easier way to move the tape forward and back. Instead of pushing a button, you turn a dial. Usually, the farther you turn the dial, the faster the tape movement, while the picture remains visible. Though a shuttle dial lets you move through the tape rapidly, it's not precise enough to stop at an exact point. So, some VCRs also include a Jog dial for precise frame-by frame movement.

Front Panel A/V Jacks

When making copies or editing tapes, front panel jacks are more convenient for connecting a camcorder or second VCR than reaching around to the back of the VCR. Front panel jacks are typically input-only, meaning your original tape is in the camcorder or second VCR and the signal is fed into your recording VCR.

Remote Control

A check mark here indicates a wireless remote that operates just the VCR. A "Unified" remote operates the VCR and TVs from the same manufacturer. A "Learning" or "Coded" remote operates the VCR and TVs from other manufacturers.

HiFi and MTS

The highest-quality audio available on a VCR. In fact, the sound quality approaches that of CDs. HiFi stereo is a must for VCRs used in a home theater setting. MTS decoding allows you to receive and record the stereo soundtracks of TV shows that are broadcast in stereo.

VCR Features

VCR	Format	Number of Video Heads	Flying Erase Head	VCR Plus+ with cable box control	Slow Motion Speeds (forward/reverse)	Fast Scan Speeds (forward/reverse)	Jog/ Shuttle Dial	Front Panel A/V Jacks	Battery Backup	Remote Control	On Screen Program
JVC HR-J400	VHS HQ	4			5 / 0	4 / 4		✔	–	coded	✔
JVC HR-J600	VHS HQ	4			5 / 0	4 / 4	✔	✔	–	coded	✔
JVC HR-VP604	VHS HQ	4		VCR Plus only	5 / 0	4 / 4	✔	✔	–	coded	✔
JVC HR-VP606	VHS HQ	4		✔	5 / 0	4 / 4	✔	✔	–	coded	✔
JVC HR-VP700	VHS HQ	4	✔	✔	5 / 0	4 / 4	✔	✔	–	coded	✔
JVC HR-S4900U	Super VHS	4	✔	✔	5 / 5	5 / 4	✔	✔	2 minute	coded	✔
JVC HR-S6900U	Super VHS	4	✔	✔	5 / 5	5 / 4	✔	✔	2 minute	coded	✔
Mitsubishi HS-U28	VHS HQ	4			3 / 3	2 / 2		✔	–	coded	✔
Mitsubishi HS-U38	VHS HQ	4		✔	3 / 3	2 / 2		✔	–	coded	✔
Mitsubishi HS-U48	VHS HQ	4			3 / 3	3 / 3	✔	✔	30 minute	coded	✔
Mitsubishi HS-U58	VHS HQ	4		✔	3 / 3	3 / 3	✔	✔	30 minute	coded	✔
Mitsubishi HS-U59	VHS HQ	4	✔	✔	3 / 3	3 / 3	✔	✔	30 minute	coded	✔
Mitsubishi HS-U69	Super VHS	4	✔	✔	3 / 3	3 / 3	✔	✔	30 minute	coded / illuminated	✔
Sony SLV-400	VHS HQ	4			5 / 5	2 / 2	shuttle		3 hour	unified	✔
Sony SLV-700	VHS HQ	4			5 / 5	2 / 2	shuttle		3 hour	unified	✔
Sony SLV-750	VHS HQ	4		✔	5 / 5	2 / 2	shuttle	✔	3 hour	unified	✔
Sony SLV-900	VHS HQ	4	✔	✔	5 / 5	2 / 2	shuttle	✔	3 hour	coded	✔
Sony EV-C100	Hi8	2	✔		1 / 1	1 / 1	shuttle		–	unified	

VCR Specifications

VCR	Hi-Fi & MTS	Audio Frequency Response	Audio Dynamic Range	Wow and Flutter	Channels Received	Auto Channel Set	Timer Events/Weeks	Dimensions	List Price	Your Price
JVC HR-J400		70-10,000 Hz	na	na	181	✔	8/52	14¼"W x 3¾"H x 11 15/16"D	$330	$279.95
JVC HR-J600	✔	20-20,000 Hz	90+ dB	0.01%	181	✔	8/52	14¼"W x 3¾"H x 12½"D	$450	$379.95
JVC HR-VP604	✔	20-20,000 Hz	90+ dB	0.01%	181	✔	8/52	14¼"W x 3¾"H x 12½"D	$480	$399.95
JVC HR-VP606	✔	20-20,000 Hz	90+ dB	0.01%	181	✔	8/52	14¼"W x 3¾"H x 12½"D	$550	$449.95
JVC HR-VP700	✔	20-20,000 Hz	90+ dB	0.01%	181	✔	8/52	15"W x 3⅜"H x 12½"D	$600	$499.95
JVC HR-S4900U	✔	20-20,000 Hz	90+ dB	0.01%	181	✔	8/52	17¼"W x 4⅛"H x 14¾"W	$900	$699.95
JVC HR-S6900U	✔	20-20,000 Hz	90+ dB	0.01%	181	✔	8/52	17¼"W x 4⅞"H x 15⅝"W	$1,000	$799.95
Mitsubishi HS-U28		70-10,000 Hz	na	na	181	✔	4/4	16¾"W x 3¾"H x 13"D	$349	$299.95
Mitsubishi HS-U38		70-10,000 Hz	na	na	181	✔	4/4	16¾"W x 3¾"H x 13"D	$429	$349.95
Mitsubishi HS-U48	✔	20-20,000 Hz	90+ dB	0.01%	181	✔	4/4	16¾"W x 3¾"H x 13¼"D	$529	$399.95
Mitsubishi HS-U58	✔	20-20,000 Hz	90+ dB	0.01%	181	✔	4/4	16¾"W x 3¾"H x 13¼"D	$599	$499.95
Mitsubishi HS-U59	✔	20-20,000 Hz	90+ dB	0.01%	181	✔	8/4	16¾"W x 3 1/16"H x 13⅞"D	$699	$599.95
Mitsubishi HS-U69	✔	20-20,000 Hz	90+ dB	0.01%	181	✔	8/4	16¾"W x 3 1/16"H x 13⅞"D	$899	$799.95
Sony SLV-400		70-10,000 Hz	na	na	181	✔	8/4	17"W x 3⅜"H x 14"D	$450	$329.95
Sony SLV-700	✔	20-20,000 Hz	90+ dB	0.01%	181	✔	8/4	17"W x 3⅝"H x 14⅝"D	$530	$429.95
Sony SLV-750	✔	20-20,000 Hz	90+ dB	0.01%	181	✔	8/4	17"W x 3⅝"H x 14⅝"D	$600	$479.95
Sony SLV-900	✔	20-20,000 Hz	90+ db	0.01%	181	✔	8/4	17"W x 3⅝"H x 14⅝"D	$650	$529.95
Sony EV-C100	HiFi	20-20,000 Hz	70 db	0.01%	–	–	–	8⅞"W x 3"H x 10"D	$650	$599.95

Laser Disc Player Features

LaserDisc Player	Video Disc Slots	Audio Disc Slots	Double-Sided Play	Jog/ Shuttle Dial	Variable Speed Play (CLV Discs)	Still Frame (CLV Discs)	Last Frame Memory & Recall	Display Dark Mode	Headphone Output w/Volume	Dimensions	List Price	Your Price
Pioneer CLD-M301	1	5					✔			16⅝"W x 5⅜"H x 17½"D	$650	$499.95
Pioneer CLD-D502	1	1	✔	shuttle			✔	✔	✔	16⅝"W x 5 5/16"H x 17⅛"D	$770	$599.95
Pioneer CLD-D702	1	1	✔	✔	✔	✔	✔	✔	✔	16⅝"W x 5 5/16"H x 17⅛"D	$1,200	$999.95
Sony MDP-600	1	1	✔	shuttle					✔	17"W X 4½" x 16½"	$800	$699.95
Sony MDP-800	1	1	✔	shuttle	✔	✔	✔		✔	17"W X 4¾" x 16⅞"	$1,200	$999.95

Some Commonly Asked Questions about VCRs

Q: Why do I need a HiFi VCR to get Dolby Pro Logic surround sound from movies on video?

A: *The Dolby surround information is encoded within the stereo soundtrack of movies and music videos. Only HiFi VCRs have the special audio heads that can correctly "read" the surround information and pass it along for decoding by a Pro Logic receiver.*

Q: How does the "VCR Plus+ with Cable Box Control" work?

A: *To record a show using the VCR timer, simply key in the PlusCode number listed in TV Guide or your local newspaper. Models with cable box control have an infrared transmitter that switches your cable box to the correct channel at the correct time, making it easy to record channels that are descrambled by your box.*

Sony SLV-400

Compare the SLV-400 against any other 4-head mono VCR and you'll see that Sony gives you more for your money. For example, with the Sony you get a simplified control system: just punch the large Shuttle Dial button to play, turn it to the left or right for forward or reverse variable speed slow motion, and move it to the center for pause. It's an easy to understand system and ends the confusion of look-alike buttons. The picture quality is excellent, and the Rapid Access tape transport includes a high-speed rewind that zips through a T-120 tape in just 2½ minutes. Other noteworthy features include digital auto tracking (with manual override from the remote), Skip Search to advance the tape 30 seconds at a time (for skipping past recorded commercials), a real-time tape counter, and a 3-hour battery backup. Dimensions: 17"W x 3⅜"H x 14"D. Warranty: 1 year parts/90 days labor.

Item #158SLV400 List Price: $450
YOUR PRICE: $329.95

Sony SLV-700HF *HiFi*

HOME THEATER

The SLV-700HF is an excellent place to start building an affordable Home Theater system. Its HiFi Stereo circuitry lets you hear soundtracks in flawless full-range stereo. It also sends the sound information for your A/V receiver's Dolby Surround decoder. This is the Sony HiFi model for folks who just watch tapes or TV shows, with maybe some occasional taping. You get superb picture quality, reliability, easy-to-use controls, a 4-week/8-event timer and a unified Sony TV/VCR remote! The SLV-700HF is Sony's lowest-priced HiFi VCR, but it's no stripped-down model. It has all the features described in the SLV-400 (above), plus the ability to play and record stereo sound, as well as hear TV shows in stereo even if you're not recording them. Dim: 17"W x 3⅝"H x 14½"D. Warranty: 1 year parts/90 days labor. *Limited availability.*

Item #158SLV700 List Price: $530 ***YOUR PRICE: $429.95***

Sony SLV-750HF *HiFi*

HOME THEATER

Here's how to look like a video genius: Call up and order the SLV-750HF. A few months from now it will be the VCR that video magazines are raving about; the one the consumer reporting magazines are recommending. Then you can smile and say, "I bought one months ago." The story begins with outstanding picture quality and ease of use. The SLV-750HF automatically tests each tape and monitors the condition of its video heads to squeeze out every last ounce of video performance. It adjusts its recording circuitry to lay down images that are as clear and crisp as they can be. In playback, it automatically finds the optimum balance of picture sharpness and clarity. As for convenience, how about finally being able to change channels on your cable box with the VCR's remote control? Imagine, no more "two-fisted" remote action. It's possible with the "Cable Mouse" that comes with the SLV-750HF. It sits on top of your cable box, receives commands from the VCR remote and rebroadcasts them to the cable box. That's in addition to built-in VCR Plus+ simplified timed recording, HiFi Stereo sound, front panel A/V jacks, Shuttle Dial operating controls, high-speed rewind, and the reliability you'd expect from Sony. Dimensions: 17"W x 4"H x 15⅝"D. Warr: 1 year parts/90 days labor.

Item #158SLV750 List Price: $600
SALE: $479.95

Sony SLV-900HF *HiFi*

HOME THEATER

For the VHS camcorder user who desires a state-of-the-art home theater VCR *and* wants to edit tapes into clean, high-quality videos, we recommend the HiFi Stereo SLV-900HF. Every time you insert a tape, whether for recording or playback, this brainy VCR tests it, checks the condition of the video heads and then adjusts itself for best performance. Couple that with editing features like a flying erase head, and you have one killer all-purpose deck for playback, taping off the TV, creating your own video or inserting new scenes into the middle of existing tapes. And with the SLV-900HF you can put away your cable box remote control. That's because you can change channels on the box using the VCR's remote control and Sony's new "Cable Mouse," which is included. It's a small, sleek "repeater" that plugs into the VCR and sits on top of your cable box. All the other real-world conveniences of Sony VCRs are here too, including the Shuttle Dial control system, VCR Plus+ simplified timed recording, high-speed rewind, real-time counter, front panel A/V inputs, and Skip Search that lets you skip recorded commercials by zipping through 30 seconds of a tape with every press of a button. Dimensions: 17"W x 4"H x 15⅝"D. Warranty: 1 year parts/90 days labor.

Item #158SLV900 List Price: $650
SALE: $529.95

JVC HR-J400 • HR-J600

Normally, VCRs at these prices give you high-quality 4-head recording and playback, and a few basic convenience features. But JVC's HR-J400 and their HR-J600 give you a lot more. For example, you can use the remote control to leave messages for the rest of your family. A blinking light alerts you that there's a message waiting. Just turn on the VCR and TV and there it is—on your screen. The HR-J400 also has dual mono audio outputs, so you can connect it directly to a stereo TV and/or your sound system and get sound from both speakers. And with its multi-brand TV remote and simple operation, chances are you won't even need the owner's manual. Dimensions: 14 3/16"W x 3 3/4"H x 11 15/16"D (12 1/4" for HR-J600). Warranty: 1 year parts/90 days labor.

Item #257HRJ400 List Price: $330 ***YOUR PRICE: $279.95***

HOME THEATER

*The **HR-J600** adds HiFi stereo sound with Hyper-Bass bass boost, and a front panel Jog/Shuttle control.*

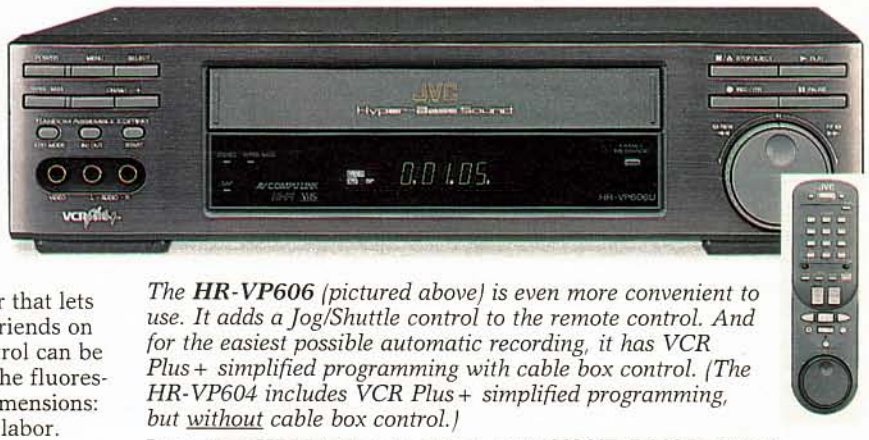
Item #257HRJ600 List Price: $450 (pictured)
YOUR PRICE: $379.95

JVC HR-VP604 • HR-VP606 *HiFi*

HOME THEATER

You won't have to memorize the owner's manuals to enjoy either of these advanced home theater stereo VCRs; both have a host of automatic functions and easy-to-follow on-screen instructions. What's more, the Jog/Shuttle dial on the front panel lets you advance and rewind the tape with ease. Plus, you'll have a home theater sound with more oomph because both have JVC's Hyper-Bass system to boost the low frequencies for a dynamic sound that's closer to the feel of a movie theater. Want more? You get JVC's Family Message Center that lets you use your VCR to leave messages for your family and friends on the TV where they can't be ignored. The VCR remote control can be used on many brands of TVs as well, and as a neat touch the fluorescent display dims automatically when the lights are low. Dimensions: 14 3/16"W x 3 3/4"H x 12 1/4"D. Warranty: 1 year parts/90 days labor.

Item #257HRVP604 List Price: $480 ***YOUR PRICE: $399.95***



*The **HR-VP606** (pictured above) is even more convenient to use. It adds a Jog/Shuttle control to the remote control. And for the easiest possible automatic recording, it has VCR Plus+ simplified programming with cable box control. (The HR-VP604 includes VCR Plus+ simplified programming, but without cable box control.)*

Item #257HRVP606 List Price: $550 ***YOUR PRICE: $449.95***

JVC HR-VP700 *HiFi*

HOME THEATER

As JVC's premier VHS model, the HR-VP700 is for the person who wants all the options available to them: easy taping, glitch-free editing, spectacular stereo sound and convenient tape control. No-hassle VCR Plus+ programming with cable box control is built in. This is absolutely the fastest, easiest way to tape shows while you're away. And to turn those recorded shows (or your home videos) into edited, finished tapes, the HR-VP700 comes with a flying erase head, as well as automated editing of as many as eight scenes in a row at the touch of a button. You also get HiFi stereo sound, Jog/Shuttle control, JVC's unique Family Message Center, and a multi-brand TV remote. Make your Home Theater system complete with the high-performance HR-VP700. Dimensions: 15"W x 3 3/4"H x 12 1/4"D. Warranty: 1 year parts/90 days labor.

Item #257HRVP700 List Price: $600
YOUR PRICE: $499.95

JVC HR-S6900 • HR-S4900 *S-VHS*

HOME THEATER

These handsome JVCs are the only Super VHS home theater VCRs that come with a flying erase head *and* automated random assemble-editing to help you create your own high-resolution home videos. They're also built to a higher standard, with a more precise tape transport that maximizes tape stability and minimizes tape wear and on-screen jitter. Impressive editing features include a Jog/Shuttle control on the front panel and the remote, flying erase head, Zero Frame editing for precisely matched edits, and the ability to random assemble-edit as many as 8 scenes at a time, automatically. The HiFi audio section features JVC's Hyper-Bass system, and lower distortion through switching noise reduction. The full-featured remote includes multi-brand TV control. Both models come with VCR Plus+ simplified programming with cable box control. Both can also play and record standard VHS tapes. Dimensions: (HR-S6900) 17 3/16"W x 4 3/16"H x 15 5/8"D; (HR-S4900) 17 3/16"W x 4 1/16"H x 14 11/16"D. Warranty: 1 year parts/90 days labor.

Item #257HRS6900 List Price: $1000 ***YOUR PRICE: $799.95***

*The **HR-S4900** is our lowest-priced Super VHS VCR, designed more for playback and recording than for editing. For $100 less than the HR-S6900, you give up: microphone input, editing remote control that makes possible automatic assemble-editing with other VCR brands (an optional accessory with other JVC VCRs), a more advanced remote control with Jog/Shuttle dial, and rounded rosewood end panels.*

Item #257HRS4900 List Price: $900 (pictured)
YOUR PRICE: $699.95

Mitsubishi HS-U28 • HS-U38

NEW

Quality and low price. It's not often you find the two together. But Mitsubishi managed to combine the two in these models. They want you to be so happy with your first Mitsubishi that you'll come back to them when you want a TV or a more advanced VCR. That strategy is smart for them and pays off for you! The lightning-fast tape transport brings the picture up in a record-setting 0.3 seconds. If you want to find that show you taped last month, or the end of the last segment you taped, these models offer Visual Search, Time Search and Blank Search. You'll find them easy to use, too, with clear and to-the-point on-screen menus and owner's manuals. Thanks to careful engineering, they deliver detailed, noise-free pictures and true-to-life colors at both the SP and EP speeds–even in slow motion! Other great features include automatic power-on when you insert a tape, auto-rewind after play, power-off when you eject a tape, and a child-lock to restrict use.

Dimensions: 16¾"W x 3¾"H x 13"D. Warranty: 1 year parts/6 months labor.
Item #124HSU28 List Price: $349 **YOUR PRICE: $299.95**
*For easier automatic recording, the **HS-U38** includes built-in VCR Plus+ programming with cable box control.*
Item #124HSU38 List Price: $429 **YOUR PRICE: $349.95**

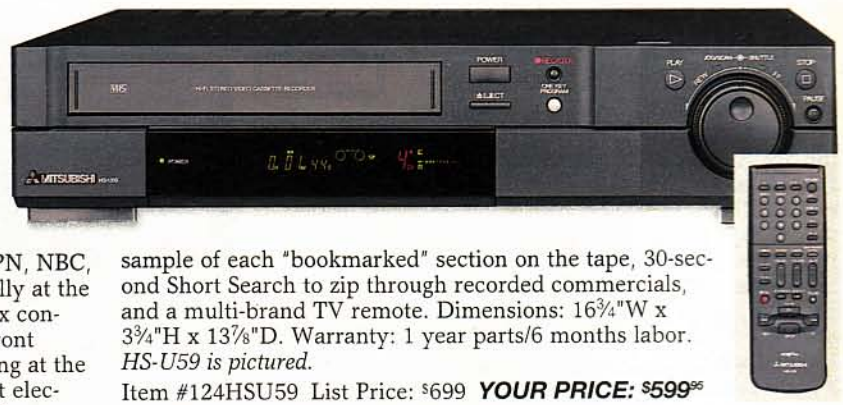
Mitsubishi HS-U48 • HS-U58 *HiFi*

HOME THEATER

Mitsubishi knows how critical the sound is to the home theater experience. That's why they put so much into the audio section of their HiFi VCRs. In these two models, special audio circuits eliminate the distortion normally produced when dual audio heads take turns reading information off the videotape. They automatically adjust the output signal to give you the greatest audio bang out of any tape. Both models also come with a Shuttle Dial for easier control of tape movement, and a Fast Forward/Rewind transport that moves at 200X normal speed. Both also have the ability to insert an electronic "bookmark" at the beginning of every show you tape, so you can find it easily later. They even have a 30-minute back-up battery in case of power outage, so programming is saved and there's no flashing "12:00" to annoy you. Dimensions: 16¾"W x 3¾"H x 13¼"D.

Warranty: 1 year parts/6 months labor. *HS-U48 is pictured.*
Item #124HSU48 List Price: $529 **SALE: $399.95**
*For easier automatic recording, the **HS-U58** includes built-in VCR Plus+ programming with cable box control.*
Item #124HSU58 List Price: $599 **YOUR PRICE: $499.95**

Mitsubishi HS-U59 • HS-U69 *HiFi*



HOME THEATER

Using a deluxe home theater/editing VCR has never been this easy or this much fun! The controls and instructions for these 4-head HiFi models use straightforward language (no cryptic abbreviations or acronyms to decipher), and most functions are accessed with only two buttons on the remote. You'll love discovering everything you can do, like being able to flip through up to ten of your most frequently watched channels, giving the channels names (like HBO, ESPN, NBC, etc.) instead of numbers, and recording programs automatically at the press of a button using the built-in VCR Plus+ with cable box control. Videophiles will also love the editing capabilities with front panel A/V inputs, twin flying erase heads for glitch-free editing at the EP and SP speeds, and audio and video dubbing. You can put electronic "bookmarks" on a tape during playback as well as during recording. The audio section is sophisticated enough for even the most demanding audiophile, with recording level controls and meters, dynamic range improvement, and switching noise reduction. Other features include a Jog/Shuttle dial, Skip Search to get a brief sample of each "bookmarked" section on the tape, 30-second Short Search to zip through recorded commercials, and a multi-brand TV remote. Dimensions: 16¾"W x 3¾"H x 13⅞"D. Warranty: 1 year parts/6 months labor. *HS-U59 is pictured.*

Item #124HSU59 List Price: $699 **YOUR PRICE: $599.95**
*The **Super VHS HS-U69** takes you to the highest level of recording performance with over 400 lines of resolution, Dynamic Color Tracking and Dynamic Comb Filter for images of unparalleled detail and clarity, and an illuminated Jog/Shuttle remote control.*
Item #124HSU69 List Price: $899 **YOUR PRICE: $799.95**

CONSUMER TIP

At Last! True 1-step VCR Programming!

If you're one of the millions who think programming a VCR (setting it up to automatically record a show) is way too much trouble, here's some great news—now, finally, it's as simple as it should be.

Many of the latest VCRs from Sony, JVC and Mitsubishi combine VCR Plus+ and Cable Box Control to change what was a confusing, multi-step process into an easy, one-step delight.

To record a show, check the TV listings for the "Plus Code" number next to the show's name. Enter that number into the VCR through the remote control and—bingo!—your VCR comes on at the right time, changes your cable box to the correct channel, starts recording automatically, then stops at the end of the show.

Different manufacturers go about the process a little differently. All of them use the VCR Plus+ circuit to translate the simple Plus Code into all the data the VCR needs. To control the cable box, some of the more full-featured models from Sony and JVC include a small "emitter" that rests on top of the cable box and is connected to the VCR with a fairly long cord. Mitsubishi has the emitter built into the VCR itself and recommends placing the VCR next to or across from the cable box.

Sony GV-S50 *8mm Video Walkman*

Hold the future in the palm of your hand! Sony's compact GV-S50 is a color TV and an 8mm VCR with HiFi stereo sound and a 4" color LCD screen that delivers sharp images. You can view pre-recorded 8mm movies (over 1,700 titles are currently available), or watch your own recorded 8mm tapes wherever, whenever, including through your TV at home. And with the detachable cable-compatible tuner pack, 99 channel presets, and 1-month/6-event programmable timer (with on-screen display menu), you can record and play back your favorite TV shows. The GV-S50 also includes a flying erase head for glitch-free editing when used with your camcorder or another VCR, a linear time counter, auto head cleaner, built-in speaker and headphone jack.

Supplied Accessories: Tuner pack, rechargeable battery, AC adapter/recharger, stereo headphones, external antenna connector included. Dim: 7"W x 3¼"H x 5"D. Weight: 2 lbs. 3 oz (without tape or battery). Warranty: 1 year parts/90 days labor.

Item #158GVS50 List Price: $1200 ***YOUR PRICE: $999.95***

DREW

AUDIO/VIDEO SALES

Dear Crutchfield:

"Drew was great! He helped me decide which VCR was right for me and saved me money. Thanks!"

Jack B.
Parts Distributor
Kinston, NC

Pioneer CLD-M301

HOME THEATER

If you can't decide whether to upgrade the audio or the video part of your system first, add the CLD-M301 and do both. It's a combination player: a 5-disc CD changer and a laserdisc player. You can have hours of uninterrupted music while you're puttering around the house or throwing a party. And when you're ready to settle in and watch some video you'll enjoy the superior picture of laserdiscs, with a horizontal resolution 60% higher than standard VHS. All the convenience features that come with ordinary CD players are built-in here too, except with the CLD-M301 you can use them on laserdiscs, too.

Audio Specifications: Frequency Response 4-20,000 Hz, THD 0.003%, Signal-to-Noise ratio 102 dB, Dynamic Range 96 dB. Dim: 16⅝"W x 5⅝"H x 17½"D. Warranty: 1 year.

Item #130CLDM301 List Price: $650
YOUR PRICE: $499.95

Sony MDP-600 • MDP-800

HOME THEATER

Attention, fans of Sony high-tech quality—you will love these latest laserdisc players. Both are full-fledged combination players, capable of playing CDs as well as laserdiscs. To get the most from the superior resolution of laserdiscs, both models use a digital time base corrector for a more stable picture and smoother colors. They have digital dropout compensation to minimize those tiny flecks and specks of video noise, and a digital comb filter to reduce "dot crawl." The audio circuits are the same as found in Sony's better CD players. For fun, there's a microphone input with digital echo so you can sing along with music videos and CDs. They're both really easy to use, with a Shuttle Dial control on the remote and automatic side-A-to-side-B laserdisc play. *MDP-600 is pictured.*

Audio Specifications: Frequency Response 4-20,000 Hz, THD 0.003%, Signal-to-Noise ratio 112 dB, Dynamic Range 99 dB. Dimensions: (MDP-600) 17"W x 4½"H x 16½"D; (MDP-800) 17"W x 4¾"H x 16⅞"D. Warranty: 1 year.

Item #158MDP600 List Price: $800 ***YOUR PRICE: $699.95***

*The new **MDP-800** adds an 8-bit digital video memory so you have full special effects (slow motion, still frame with sound, strobe, etc.) with CLV discs, and can store a video image in memory for display later–so you can enjoy a video picture while playing CDs, for example.*

Item #158MDP800 List: $1200 ***YOUR PRICE: $999.95***

Pioneer CLD-D502 • CLD-D702

HOME THEATER

Both of these models have the extra-special touches you'd expect from top-of-the-line models. For example, if you find front panel displays an irritating distraction in a darkened room, you can simply turn them off. To deliver dynamic digital sound good enough to complement a premier laserdisc, both models use Pioneer's digital technology. In fact, when you play a CD, the video circuitry is bypassed to eliminate even the slightest chance of interference with the audio signal. The Jog/Shuttle Dial allows you to easily move back and forth through CDs and laserdiscs. And naturally these innovative players feature high-speed, automatic side-A-to-side-B laserdisc play for uninterrupted viewing. *CLD-D502 is pictured.*

Audio Specifications: Frequency Response 4-20,000 Hz, THD 0.0025% (0.0017% for CLD-D702) Signal-to-Noise ratio 113 dB (118 dB for CLD-D702), Dynamic Range 98 dB (99 dB for CLD-D702). Dimensions: 16⅜"W x 5⅜"H x 17⅛"D. Warranty: 1 year.

Item #130CLDD502 List Price: $770 ***YOUR PRICE: $599.95***

*The **CLD-D702** adds full special effects (slow motion, still frame with sound, strobe, etc.) for CLV discs through the use of an 8-bit digital memory, a digital time base corrector for superior picture stability, separate audio and video circuit boards for even greater signal purity, and twin 1-bit D/A converters. The remote control has illuminated buttons and a Jog/Shuttle dial.*

Item #130CLDD702 List Price: $1200 ***YOUR PRICE: $999.95***

Sony KV-27V55 *27"*

If experiencing the highest levels of television performance and convenience is your goal, the KV-27V55 is your TV. It comes loaded with every high-end feature you could want, including picture-in-picture to watch one channel while keeping an eye on another (VCR or second TV tuner required). Built in as well are the advanced picture and color processing circuits that have made Sony the standard against which all others are measured. The Trinitron picture tube combines heightened contrast and vivid colors with continuous, automatic adjustment of the picture to bring out the fine details other TVs miss. And while many TVs come with stereo speakers, the KV-27V55 has a superior 2-way ported sound system hidden behind acoustically transparent cloth grilles. The rich, full sound this system delivers will draw you into the action like never before. Even the remote control is unique: it's a "flip open" design. Closed it's conveniently palm-sized with large buttons for the most common TV functions. Flip it open to reveal all the TV controls. And it comes pre-programmed to handle your TV and most VCRs and cable boxes, too. Also built-in are closed caption decoding, the ability to block viewing of a channel for up to 6 hours, channel naming, front panel A/V inputs, and much, much more.

Specifications: Dimensions: 28"W x 22⅝"H x 20¾"D. Horizontal resolution: 500 lines. Inputs: 1 F-type, 3 RCA-type video, 3 pr. RCA-type audio, 1 S-video. Outputs: 1 RCA-type video, 2 pr. RCA-type audio (1 fixed, 1 variable).

Item #15827V55 List Price: $950 ***YOUR PRICE: $799.95 ****

Sony KV-27TS32 • KV-27TS36 *27"*

Superior Trinitron picture quality, rich matrix surround sound, and a wealth of convenience features and hidden technology make either of these 27" Sonys an exceptional choice for the centerpiece of your home entertainment system. The picture is remarkable—enhanced fine edge detail provided by improved luminance/chrominance separation, more natural overall skin colors and clear, brilliant whites from a new Dynamic Color processor, and greater detail in both the light and dark areas of the picture from Sony's Dynamic Picture circuitry. Conveniences include hue/color/brightness/ sharpness controls, stereo audio controls, and the ability to block out a channel for up to 6 hours (parents and/or football widows, take note). Included is a full-function remote, pre-programmed for complete control of your new TV and most VCRs.

Specifications: Dimensions: 26½"W x 23¾"H x 20⅝"D. Horizontal resolution: 500 lines. Inputs: 1 F-type, 3 RCA-type video, 3 pr. RCA-type audio, 1 S-video. Outputs: 1 RCA-type video, 2 pr. RCA-type audio (1 fixed, 1 variable).

Item #15827TS32 List Price: $800 ***YOUR PRICE: $649.95 ****

*The **KV-27TS36** adds color Picture-in-Picture (a second, smaller picture inset into the main picture). To get the second picture, all you need is a VCR. You can swap the main and inset images, position the inset picture in any corner of the screen, or freeze it to see the details.*

Item #15827TS36 List Price: $850 ***YOUR PRICE: $699.95 **** (pictured)

Sony KV-20V50 *20"*

Sony's 20" V-Series model gives you a superb combination of space-saving design, improved sound and an even better picture. The new Trinitron tube delivers improved contrast under all kinds of lighting conditions by using a special, darker screen that absorbs more light than it reflects. The slim-line stereo speakers deliver great sound and preserve the sophisticated cabinet styling. (A "stereo wide" mode adds extra presence to the sound using just the built-in speakers if you wish.) And because this 20" shares all the picture quality circuits of the larger, 27" V-series model (above), you'll get a bright, detailed picture, capable of displaying even the highest resolution available today. Other features include closed-caption decoding and programmable channel blocking.

Specifications: Dimensions: 21¾"W x 18⅜"H x 18⅝"D. Horizontal resolution: 500 lines. Inputs: 1 F-type, 3 RCA-type video, 3 pr. RCA-type audio, 1 S-video. Outputs: 1 RCA-type video, 1 pr. RCA-type audio (fixed or variable).

Item #15820V50 List Price: $600 ***YOUR PRICE: $499.95 ****

Sony KV-13V50 *13"*

For the ultimate in convenient viewing in the kitchen, bedroom or home office we recommend this 13" Sony Trinitron. You get features most small-screen TVs leave out: built-in MTS stereo, stereo speakers, closed-caption decoding, full-function remote control, on-screen clock, programmable channel blocking, and interactive color and sound adjustments. Inside, the KV-13V50's new Super Trinitron technology delivers a picture so sharp and compelling you may prefer it over your present, larger TV.

Specifications: Dimensions: 15½"W x 13½"H x 16"D. Horizontal resolution: better than 330 lines. Inputs: 1 F-type, 2 RCA-type video, 2 pr. RCA-type audio.

Item #15813V50 List Price: $500 ***YOUR PRICE: $399.95***

***Prices for all 20" and larger sets include free Federal Express 2-day delivery within the continental U.S.**

Note: All screens are measured diagonally. All screen images are simulated.

Mitsubishi CS-27301 • CS-27401 *27"*

These top-performing models feature the high-tech engineering that made Mitsubishi big-screen TVs the excitement leaders. Their exclusive Diamond Vision® II tube is 50% brighter with no loss in tube lifespan. Computer-controlled electron guns create distinct intensity differences to establish the well-defined outlines and edges of razor-sharp pictures. Colors are stable and stay where they're supposed to for a truer, more natural look. But just as important to a lot of people, the owner's manual is actually understandable. It avoids the jargon and half-baked translations so common today. That means you'll have no trouble using the host of real-world conveniences, such as picture-in picture (requires use of a VCR), one-button scan of up to 10 favorite channels, closed-caption decoding, custom naming of inputs (no more confusing Video 1, Video 2, etc.), on-screen display of time/channel and picture/audio adjustments. Plus, the remote control will also operate many brands of VCRs and cable boxes.

Specifications: Dimensions: 25⅞"W x 22⅝"H x 19"D (19⅜"D for CS-27401). Horizontal Resolution: 450 lines (560 lines for CS-27401). Inputs: 1 F-type, 1 RCA-type video (2 for CS-27401), 1 pr. stereo RCA-type audio (2 pr. for CS-27401), 1 S-video, (2 antenna inputs with switching for CS-27401). Outputs: 1 RCA-type video, 1 pr. stereo RCA-type audio (2 pr. for CS-27TX1—1 fixed, 1 variable).

Item #124CS27301 List Price: $849 ***NEW LOW PRICE: $699.95 ****

*The **CS-27401** also includes advanced picture circuitry for the highest levels of resolution, contrast and color performance. Plus, front-firing speakers (CS-27301 has side-firing speakers), channel naming, more A/V inputs and outputs, and automatic closed-captioning when the sound is muted.*

Item #124CS27401 List: $949 ***YOUR PRICE: $849.95 ****** (pictured)

Mitsubishi CS-20101 • CS-20201 *20"*

While practically everyone can use a 20" TV, not everyone wants a stereo version. So you choose: the mono CS-20101 or the stereo CS-20201. Here's what they have in common: black-matrix picture tube, built-in closed-caption decoding, time/channel display, programmable Off Timer, 181-channel self-setting tuner, one-button switching between the current channel and the last-viewed channel, remote control, and on-screen remote control of picture settings.

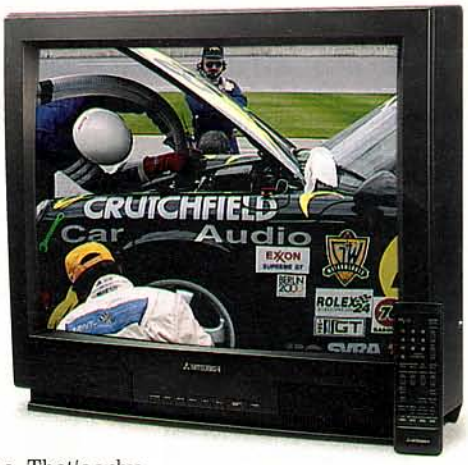
Specifications: Dim: (CS-20101) 19 11/16"W x 18⅜"H x 18¾"D; (CS-20201) 19 15/16"W x 17 15/16"H x 18⅝"D. Horizontal Resolution: (CS-20101) 330 lines; (CS-20201) 400 lines. Inputs: 1 F-type, 1 RCA-type video, 1 RCA-type mono audio, (1 pr. stereo RCA-type audio for CS-20201). Outputs: headphone mini-jack (1 pr. variable audio RCA-type for CS-20201).

Item #124CS20101 List Price: $429 ***SALE: $339.95 **** (pictured)

*The **CS-20201** offers stereo sound, front-firing speakers, variable audio stereo output (for connection to your stereo system or Hi-Fi VCR), on-screen remote control of audio settings, 400 lines horizontal resolution, and integrated remote control of TV and Mitsubishi VCRs.*

Item #124CS20201 List Price: $499 ***SALE: $359.95 ****

Mitsubishi CS-26301 *26"*



What a deal! A big 26" home theater TV screen, stereo audio, picture-in-picture (with freeze frame), a Diamond Vision® II picture tube, closed-caption decoding and a host of easy-to-use conveniences. The Diamond Vision II tube uses a rare-earth element for a 50% increase in brightness. With a tube this good and a screen this large, it would be a shame to be limited to just one channel at a time. That's why picture-in-picture is included; using your VCR's tuner, you can watch two channels at once. Built-in MTS stereo decoding and two front-firing speakers means you'll enjoy big stereo sound. And the clearly-written owner's manual makes it all remarkably easy to enjoy. The remote provides direct access tuning, one-button scanning of just your favorite channels, custom naming of external inputs, picture & audio adjustment, and controls many other brands of VCRs.

Specifications: Dimensions: 25½"W x 22⅞"H x 18½"D. Horizontal Resolution: 560 lines. Inputs: 1 F-type, 1 RCA-type video, 1 pr. stereo RCA-type audio, 1 S-video. Outputs: 1 pair stereo RCA-type (variable audio).

Item #124CS26301 List Price: $729 ***SALE: $599.95 ****

JVC AV-27BP4 *27"*

With the JVC AV-27BP4 you can flip through just the movie channels. Or the sports channels. Or the kids' channels. As many as five different categories you set up. And that's just one of more than a dozen convenience features. Plus, you have closed-caption decoding, picture-in-picture with freeze (using a VCR as a second tuner), stereo sound and built-in stereo speakers.

Specifications: Dim: 25⅝"W x 22⅝"H x 20½"D. Horizontal resolution: 550 lines. Inputs: 1 F-type, 2 RCA-type video, 2 RCA-type audio, S-video, A/V COMPU LINK. Outputs: 1 RCA-type video, 2 RCA-type audio (1 fixed, 1 variable), 1 pr. audio spring terminals.

Item #257AV27BP4 List Price: $800 ***YOUR PRICE: $729.95 ****

Wood Technology Swivel-iT!
TV Swivel Base

The Swivel-iT! is a handsome, inexpensive way to effortlessly angle your TV to accommodate guests (or yourself when you move from a chair to the sofa). Its contemporary, low-profile design and black, furniture grade finish blend in with your TV almost invisibly. And while it may be inexpensive, it's not cheap; it rotates on a steel ball bearing mechanism that can handle over 250 pounds!

For 13" TVs Item #188E1412 ***YOUR PRICE: $24.95***
For 19"–21" TVs Item #188E2116 ***YOUR PRICE: $29.95***
For 25"–27" TVs Item #188E2617 ***YOUR PRICE: $39.95***
For 29"–32" TVs Item #188E3218 ***YOUR PRICE: $59.95***

FREE Soft Carry Case and Extra Battery with any Sony Camcorder!

Sony EV-C100 *Hi8 VCR*

For playing and editing Hi8 and 8mm tapes, you won't find a better deal than the new EV-C100. It's a simple deck, strictly designed for editing and playback—*it has no tuner or timer*—and although it plays SP- and LP-speed recordings, it records only in SP mode. What it does have is a very good package of basic Hi8 editing features, including a Control L (LANC) jack and a master/slave switch so it's completely compatible with our Sony camcorders, as well as countless LANC-equipped editing controllers and desktop video products. You get bi-directional frame-by-frame movement through the dual mode Shuttle Ring, as well as locking search control. In giving the EV-C100 a good-to-very-good overall performance rating, *Video* magazine said, "We suspect this little deck will find it's way into a lot of editing systems, desktop video setups and A/V systems...Hi8 enthusiasts will have a tough time passing it by." Dimensions: 8⅞"W x 3"H x 10"D. Warranty: 1 year parts/90 days labor.

Item #158EVC100 List Price: $650
YOUR PRICE: $599.95

Sony CCD-FX420 • CCD-FX620 *8mm*

Sony's "FX" series camcorders are designed to help you capture your family's most precious moments. For example, you can enter as many as three birth dates, and from then on the press of the button will superimpose the correct age (years and months) on your tape. You get full-function remote control so you don't have to miss out on the fun just because you're running the camcorder. Full Range Inner Focus gives you quicker, more accurate focusing with less work, while an advanced 10-bit digital signal processor continually samples and adjusts the picture for the best possible picture quality at all times. You can also choose to use one of the three Auto Exposure modes: *Portrait, Sports* , or *High-Speed*. Other features include 10X two-speed zoom, Sportsfinder (oversized) viewfinder, and Quick Record.

Supplied Accessories: Wireless remote control, AC adapter/recharger, rechargeable battery, RF adapter, (CCD-FX620 only: snap-on camcorder-to-TV connection). Dim.: 4¾"W x 4⅜" x 10½"D. Warranty: 1 year parts/90 days labor.

Item #700CCDX420 List Price: $1000
SPECIAL PACKAGE: CALL

*The **CCD-FX620** (pictured) adds the realism and emotional impact of HiFi stereo sound and moves you up to a 12X zoom lens. It also comes with a detachable one-piece connector for fast, easy hook-up to your TV.*

Item #700CCDX620 List Price: $1200
SPECIAL PACKAGE: CALL

Extra high-capacity battery pack w/strength meter for all Sony FX models Item #158NP80D ***$99.95***

Sony CCD-TR61 • CCD-TR65 *8mm*

Sony's "TR" camcorders are designed for the active life and for people who want the most performance in the smallest package. They're lightweight and small enough to fit in the smallest backpack with room left over. Even so, you get a two-speed 10X power zoom lens, full range inner focus system (with a manual override focusing dial instead of the usual buttons), a built-in wide-angle lens that lets you get everyone into the picture, and digital signal processing to continually monitor and adjust the quality of the recorded picture. A twist of a knob switches you to any of four special exposure modes: *Portrait, Sports, High-Speed*, and *Natural Night* (for more natural-looking night scenes using available light). Both models also have: HiFi stereo sound with built-in stereo microphone, Quick Record for instant taping, fade to black or mosaic, a low 1 lux minimum illumination, date/time recording, and more!

Supplied Accessories: Wireless remote control, AC adapter/recharger, rechargeable battery, camcorder-to-TV connection, shoulder strap. Dimensions: 4⅜"W x 4⅜"H x 7"D. Warranty: 1 year parts/90 days labor.

Item #700CCDTR61 List Price: $1100
SPECIAL PACKAGE: CALL

*The **CCD-TR65** (pictured) boasts a high-resolution color viewfinder. Seeing what you're taping in color is more fun and gives you a better idea of what you're actually getting on tape.*

Item #700CCDTR65 List Price: $1200
SPECIAL PACKAGE: CALL

Sony CCD-TR91 *8mm*

Sony does it again! The new CCD-TR91 comes with all the features of the CCD-TR65 (left) including a color viewfinder, plus Sony's SteadyShot® image stabilization. With SteadyShot you can get good images when you're shooting from a moving vehicle, or bicycling, running or skiing. It lets you be in the movie as part of the action, not just as an observer. But SteadyShot isn't only for outdoor types. You might visit a cathedral, where the stained glass windows are distant, or be in another situation where you can't just walk right up and start shooting. Situations where you have to use your 10X zoom lens at full telephoto. Under these conditions the slightest movement is magnified. That's where SteadyShot comes in. It virtually eliminates small "trembling" effects for a visible improvement in the end result. Built-in horizontal and vertical sensors detect the motion of the camera itself and stabilize the picture. Your shots automatically look smoother and more professional. And unlike some other methods, it happens without degrading the picture quality or reducing the size of the image. More people choose Sony camcorders than any other brand and achievements like the CCD-TR91 explain why.

Supplied Accessories: Wireless remote control, AC adapter/recharger, rechargeable battery, camcorder-to-TV connection, shoulder strap. Dimensions: 4⅜"W x 4⅜"H x 7½"D. Warranty: 1 year parts/90 days labor.

Item #700CCDTR91 List Price: $1500
SPECIAL PACKAGE: CALL

Model	Format	Lens	Zoom	Imager/Pixels	Electronic Shutter Speeds	Min. Illum.	Full-Range Inner Focus	Stereo Recording	Digital Signal Processing	Weight	List Price	Your Price
Sony CCD-FX420	8mm	f/1.6	10X	1/3" CCD / 250,000	6 steps to 1/4,000	2 lux	✔		✔	1.8 lbs.	$1,000	CALL
Sony CCD-FX620	8mm	f/1.6	12X	1/3" CCD / 250,000	6 steps to 1/4,000	2 lux	✔	✔	✔	1.9 lbs.	$1,200	CALL
Sony CCD-TR61	8mm	f/1.6	10X	1/3" CCD / 250,000	6 steps to 1/4,000	1 lux	✔	✔	✔	1.7 lbs.	$1,100	CALL
Sony CCD-TR65	8mm	f/1.6	10X	1/3" CCD / 250,000	6 steps to 1/4,000	1 lux	✔	✔	✔	1.7 lbs.	$1,200	CALL
Sony CCD-TR91	8mm	f/1.6	10X	1/3" CCD / 250,000	6 steps to 1/4,000	1 lux	✔	✔	✔	2.0 lbs.	$1,500	CALL

Blank Video Tapes

Fuji VHS
HQ T-120, standard grade
Item #072T120HQ ***YOUR PRICE: $2.49 ea.***
A/V Pro T-120, Hi-Fi grade
Item #072T120AVP ***YOUR PRICE: $3.29 ea.***

Sony VHS
ES T-120, standard grade
Item #158T120ES ***YOUR PRICE: $2.49 ea.***
ES-HG T-120, high grade
Item #158T120HG ***YOUR PRICE: $3.29 ea.***

Sony "V" VHS
V T-120, standard grade
Item #158T120V ***YOUR PRICE: $2.79 ea.***
V-HG T-120, high grade
Item #158T120VHG ***YOUR PRICE: $3.79 ea.***

Maxell VHS
GX T-120, standard grade
Item #170GXT120 ***YOUR PRICE: $2.49 ea.***
XL T-120, Hi-Fi grade
Item #170T120XL ***YOUR PRICE: $3.99 ea.***

TDK VHS
EHG T-120, high grade
Item #195T120EHG ***YOUR PRICE: $3.29 ea.***
Hi-Fi T-120, Hi-Fi grade
Item #195T120HF ***YOUR PRICE: $3.99 ea.***

Super VHS
Sony Super VHS, T-120
Item #158VXST120 ***YOUR PRICE: $8.99 ea.***
JVC Super VHS, T-120
Item #257ST120XG ***YOUR PRICE: $7.99 ea.***
Maxell Super VHS, T-120
Item #170XRS120 ***YOUR PRICE: $8.99 ea.***
TDK Super VHS, T-120
Item #195ST120XP ***YOUR PRICE: $8.99 ea.***

8mm
Sony P6-60, 60-minute
Item #158P660 ***YOUR PRICE: $3.99 ea.***
Sony P6-120, 120-minute
Item #158P6120 ***YOUR PRICE: $4.99 ea.***
Sony P6-120 Hi-band 8mm
Item #158HME6120 ***YOUR PRICE: $19.99 ea.***

8mm Camcorder Bag

This black carrying bag perfectly fits our 8mm camcorders. From Case Logic, the top name in accessory cases. Soft-sided, with padded interior dividers, three exterior pockets and an adjustable shoulder strap. Interior dimensions: 6½"W x 7"H x 12½"L.
Item #227VC2 ***YOUR PRICE: $49.95***

One-For-All-Remotes

Universal Remotes

Tired of juggling remote controls? With One For All universal remotes, you can control from 3 to 6 different units with a single remote! You'll be able to manage your entire system without getting up, and without having to search for that one missing remote. One For All offers a toll-free user help line. *(Not compatible with Bang and Olufsen products.)*

One For All 3 replaces up to 3 infrared remotes, (TV, VCR and cable box), and features big, easy-to-read (and feel) buttons.
Item #091URC2060 ***$14.95***

One For All 4 replaces up to 4 infrared remotes (TV, VCR, cable box, and CD player), and can replace lost or broken remotes.
Item #091URC2086 ***$19.95***

One For All 6 operates up to six infrared remotes (video, audio gear, satellite dishes, etc.) And it's *upgradeable*, so as technology advances and new features are introduced, the remote can be reprogrammed at a One For All service center.
Item #091URC4000 ***$39.95***

NCI Telecaption 4000

Closed-Caption Decoder

If a family member or friend has trouble hearing TV dialog, this closed-caption decoder from the National Captioning Institute could really help. Hundreds of hours of TV programming are broadcast every week with dialog presented as subtitles which the Telecaption 4000 displays on your TV. 113-channel tuner and remote-controlled channel selection and volume. Connects to any TV, VCR, cable hookup or satellite receiver (may require adapter). Dimensions: 10"W x 2½"H x 8¾"D. Warranty: 1 year.
Item #068NCI4000 ***YOUR PRICE: $179.95***

Sony Video Remote Control

A great way to replace or combine remote controls for your video components. The Sony RM-V10 gives you control over the basic functions of up to 3 video components (a TV, a VCR, and a cable box).
Item #158RMV10
NEW LOW PRICE: $14.95

Videocassette Rewinders

Spare your VCR motor from unnecessary wear by using this inexpensive accessory to rewind your tapes. It's also handy when you're rushing to return rental tapes. Instead of starting up the VCR, just pop the tape into the rewinder. Dimensions: (VHS) 10"W x 2½"H x 7½"D; (8mm) 5"W x 2"H x 6"D. Warranty: 90 days.
VHS Item #085RW3500 ***$14.95*** (pictured)
8mm Item #085RW8500 ***$24.95***

Sima Tripods

Professional quality tripods for smoother, more stable shooting. Adjustable tension control on the 3-way fluid panhead lets you set the most comfortable "feel." Other features include a quick-release mounting platform, built-in bubble level, rugged 3-section legs with quick lever locks, and a built-in carrying handle. The ST-23K (recommended for compact VHS and 8mm) is 23¼" closed, extends to maximum height of 54¼" and weighs 3.3 lbs. The ST-30K (for all camcorders) adds adjustable feet with spikes, is 28½" closed, extends to 65½" and weighs 4.8 lbs. Warranty: 2 years.
Item #035ST23K ***$49.95*** Item #035ST30K ***$79.95***

X-10 Powermid *Remote Control from Any Room in The House!*

Operate your stereo, TV, cable box or any other infrared remote-controlled device from anywhere in your home–up to 140' away with the Powermid from X-10! Just aim your remote at the Powermid's transmitter. It converts the infrared pulses into radio waves, then relays them to the receiver in another room to operate the component. Add transmitters and receivers in as many rooms as you like. AC power required. Dimensions: 3" square x 4⅜"H.

Item #009PM5900 ***YOUR PRICE: $49.95***
Additional Transmitter Item #009ST539 ***$29.95***
Additional Receiver Item #009RE549 ***$29.95***

Terk Pi *AM/FM Antenna*

A product that looks this different had better deliver the goods. Well, Terk's Pi AM/FM antenna does, and then some. Developed by famed tuner guru and electronics engineer Larry Schotz, the Pi uses breakthrough technology to eliminate "co-inductance" and deliver maximum AM reception without degrading FM performance in any way. Its electronic circuits yield as much as a 60-times increase in the strength of incoming FM signals! And Terk's patented Gamma-Loop tuned circuit ensures that the Pi picks up only FM signals and not noise. Resting horizontally, the Pi acts as an omni-directional antenna; positioned vertically, it can be oriented for best reception of weaker signals. Its low-noise amplifier has adjustable gain from –20dB to +42dB so you can pick up weak or distant stations and still not over-amplify close or powerful stations. Dimensions: 6" diameter, 1" thick. Made in USA.

Item #209AF9925 ***NEW LOW PRICE: $69.95***

Terk Wedge *AM/FM Antenna*

Experiencing FM noise? Chances are the culprit is your antenna! Terk's Wedge AM/FM stereo powered antenna, armed with patented Gamma-Loop circuitry to reject unwanted noise, amplifies FM signal strength to give you the best reception possible. And its 3-position gain control (+9dB, +18dB, +33dB) strengthens weak signals and helps eliminate overloading by strong stations. Placed vertically, the compact Wedge serves as a directional antenna for aiming at weaker distant stations and eliminating multipath distortion; placed horizontally, it becomes omni-directional for picking up all stations. Dimensions: 5"W x 1"H x 5"D. Made in USA.

Item #209WEDGE ***YOUR PRICE: $49.95***

Monster Video-2 Cables

They're not cheap, but so much goes into each one: a special stranded copper center conductor to handle video's wider bandwidth, double-shielding against RF and electrical interference, and precision connectors with 24K gold plating.

1-meter cable with RCA connectors
Item #119MV2R1M ***$17.95 each***

1-meter cable w/threaded F-type connectors
Item #119MV2F1M ***$17.95 each***

2-meter cable with RCA connectors
Item #119MV2R2M ***$24.95 each***

2-meter cable w/threaded F-type connectors
Item #119MV2F2M ***$24.95 each***

1-meter cable with S-video connectors
Item #119MVSV21M ***$17.95 each***

2-meter cable with S-video connectors
Item #119MVSV22M ***$24.95 each***

4-meter cable with S-video connectors
Item #119MVSV24M ***$29.95 each***

THANK YOU

Dear Crutchfield,

"I knew Crutchfield had a reputation for rapid delivery, but I was surprised nonetheless when I received my new stereo 5 days after I mailed the order form. Incredible!"

Joseph C.
Meteorologist
Ocean City, NJ

Interlink Reference 2 *by Monster Cable*

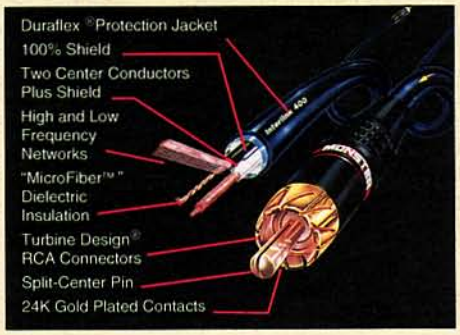
For ultimate system connections, here's the finest cable we sell! Interlink Reference 2's multi-gauge wire network is designed to transfer your music's most subtle details. 12-cut "turbine" collars provide snug, sure connections.

½-meter pair (20" each) Item #119ILR2HM ***$69.95***

1-meter pair (39"each) Item #119ILR21M ***$99.95***

Interlink 400 *by Monster Cable*

For maximum signal transfer and complete shielding from interference (especially in today's A/V systems), a well-engineered patch cord can help. Interlink 400 cables use a multiple gauge "Bandwidth Balanced" wire network, MicroFiber insulation, 100% foil shielding, and an 8-cut "turbine" collar for tighter connections.



½-meter pair (20"each)
Item #119I400HM ***$29.95***

1-meter pair (39" each)
Item #119I4001M ***$39.95***

2-meter pair (78" each)
Item #119I4002M ***$49.95***

20-foot pair
Item #119I40020F ***$89.95***

Interlink 200 *by Monster Cable*

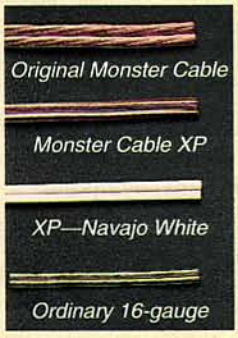
For low noise and improved sound over "in-the-box" cables, balanced two-conductor Interlink 200s include 100% shielding and gold-plated connectors.

1-meter pair (39" each) Item #119I2001M ***$16.95***

2-meter pair (78" each) Item #119I2002M ***$19.95***

Original Monster Cable

Your system can only sound as good as its weakest link. To make sure all of your amplifier's power comes through, Monster Cable uses over 500 fine, high-purity copper wires to deliver the signal to your speakers. The 24-karat gold-plated connectors are angled for easy hook-up.



10-foot pair with connectors
Item #119OMC1010 ***$34.95***

15-foot pair with connectors
Item #119OMC1515 ***$39.95***

20-foot pair with connectors
Item #119OMC2020 ***$49.95***

30-foot pair with connectors
Item #119OMC3030 ***$69.95***

Bulk Cable (connectors recom.)
Item #119OMC500 ***$1.25/ft***

Connectors
Item #119AGPTRH ***$13.95/8-pack***

Monster Cable XP

Here's an affordable high-performance speaker wire that uses high-purity 16-gauge copper wire and Monster's special winding construction. *Connectors not included.*

20-foot spool Item #119XPMS20 ***$11.95***

30-foot spool Item #119XPMS30 ***$16.95***

50-foot spool Item #119XPMS50 ***$24.95***

Bulk Cable (connectors recom.) Item #119XP500 ***50¢/ft.***

Navajo White Bulk Cable (connectors recommended)
Item #119XPNW500 ***55¢/ft.***

Solder-less twist-crimp connectors
Item #119GPTMH ***$11.95/8-pack***

Discwasher Tape Deck System II • D'Mag

Discwasher's Tape Deck System II cleaning cassette contains two separate tapes: a non-abrasive dry tape to remove oxides and residues from the tape heads, and a fabric tape which, used with the supplied cleaning fluid, scrubs the capstan and pinchroller clean.
Item #032SYSTEM2 ***YOUR PRICE: $9.95***

Periodically demagnetizing your deck will prevent your tapes from gradually losing their high frequencies. D'Mag is designed to work on the entire tape path—the heads, capstan, tape guides and other metal parts.
Item #032DMAG ***YOUR PRICE: $12.95***

Discwasher Stealth CD Cleaner

The latest development in CD cleaning: the Stealth. It rotates both the disc and cleaning pad for true radial cleaning (the kind recommended by disc manufacturers). The included cleaning spray stores neatly away in the base.
Item #032STEALTH ***YOUR PRICE: $14.95***

AudioSource Utility Disc

A Disc for Cleaning, Evaluating, and Listening!

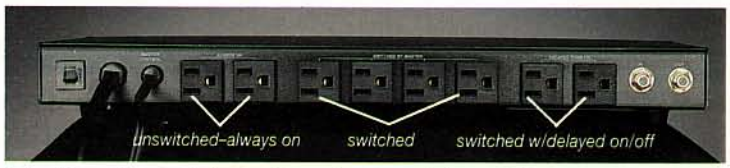
A simple and inexpensive way to keep your entire system performing at its best! As a cleaner, the LLC3 uses two small brushes to remove dust, dirt, smoke residue and pollution particles from your CD player's optical lens (recommended for every 10 hours of use). It also features a series of set-up tests and tones that help evaluate the performance of both stereo and Dolby Pro-Logic Surround systems! And it includes five digital music selections for your critical listening! Just insert the LLC3 into your CD player—a narrator guides you through operation in non-technical yet informative language. Works in all home and car CD players and changers.
Item #021LLC3 ***YOUR PRICE: $29.95***

Panamax Max 1000 *AC Line Conditioner*

Keep your home entertainment system performing at its peak and protect up to eight electronic components from power surges with Panamax's Max 1000 Line Conditioner. Most folks understand the need to protect electronic equipment from the costly damage caused by power surges, spikes, and lightning strikes. But do you also realize that everyday static electricity and uneven household current can affect the performance of your components by seriously weakening electrical conductors over time? Connection to a Max 1000 is guaranteed *(for life!)* to prevent these types of expensive repairs. It constantly monitors your AC power and reacts within a nanosecond (one billionth of a second) to stop a surge dead in its tracks. But it does a lot more, too.

The Max 1000 enhances system performance by eliminating up to 99.7% of Electromagnetic Interference (EMI) and Radio Frequency Interference (RFI)! Ever heard a buzz through your system or experienced a distorted picture on your TV when running a washing machine, blender, or even when a neighbor is mowing his lawn? That's EMI. Annoying RFI is caused by local CB operators, radio stations, microwave ovens, and cellular phones. You didn't pay good money to hear or see that garbage in your system either. The Max 1000 also wards off "ground hum" and protects against surges that travel through your coax antenna cable—the most dangerous electrical path of all. And its sequential start-up/shut-down progression prevents component turn-on "thumps" from being heard through your speakers. (Two outlets have 10-15 sec. delayed on/off—great for power amps.)

Panamax backs the Max 1000 with a full lifetime warranty. They'll repair or replace any Max 1000 that has suffered surge damage, *and they'll repair or replace any equipment that's damaged while properly connected to a Max 1000!* Dim.: 17½"W x 2⅛"H x 7½"D.
Item #299MAX1000 List Price: $299 ***YOUR PRICE: $249.95***
Optional Rack Mount Kit Item #299RMK ***$15***



The Max 1000 includes 8 AC outlets, coax in/out cable connection, 15-amp circuit breaker, 10-foot power cord, and 10-foot power-sensing cable (connects to your master component for single-button system power on).

Millennium Rechargeable Batteries

Rechargeable battery technology has made giant strides in recent years, increasing run time to nearly that of traditional heavy duty batteries (some even exceed it), while greatly reducing the amount of time it takes for recharging. And when you consider that one rechargeable can replace anywhere from 50 to 300 throwaway batteries, you get a better picture of how much money you can save and the direct impact you can make on our environment! Although household batteries account for less than 1% of all solid waste by weight, it's estimated that 88% of all highly toxic mercury found in dumps and landfills comes from throwaways. These Millennium batteries are the last batteries you'll ever have to buy! If they ever fail to recharge (for reasons other than abuse or misuse), Millennium will replace them. Millennium's RapidCharger can return discharged batteries to full power in as little as three hours!

"AAA" 2-pack Item #112B2AAABP ***YOUR PRICE: $5.95***
"AA" 2-pack Item #112B2AABP ***YOUR PRICE: $5.95***
"AA" 4-pack Item #112B4AABP ***YOUR PRICE: $10.95***
"C" 2-pack Item #112B2CBP ***YOUR PRICE: $7.95***
"D" 2-pack Item #112B2DBP ***YOUR PRICE: $7.95***
9-volt (single pack) Item #112B9VBP ***YOUR PRICE: $7.95***
3-Hour RapidCharger for all size batteries Item #112CH4C3 ***$14.95***
"AA" 2-pack with "AA" recharger Item #112CH2AABP ***$10.95***

A

F

B

G

C

H

D

I

E

J

	A	B	C	D	E
Model	**Sony MDR-84**	**Sony MDR-V400**	**Sony MDR-V600**	**Sony MDR-CD750**	**Sony MDR-CD850**
Description	Lightweight on-the-ear open-air design. Full-size and mini-size plugs.	Lightweight on-the-ear digital monitors. Includes full-size & mini plugs.	Around the ear studio monitor. Portable folding design. Full-size and mini plugs.	Lightweight, around the ear digital monitors. Free-adjust headband. Full-size and mini plugs.	Around the ear sealed design. Free-adjust headband. Large 50mm dome type drivers. Full-size & mini plugs.
Frequency Response	10-24,000 Hz	10-25,000 Hz	5-30,000 Hz	20-20,000 Hz	20-20,000 Hz
List Price	$50	$80	$100	$150	$200
YOUR PRICE	$39.95	$59.95	$79.95	$129.95	$179.95
Item Number	#158MDR84	#158MDRV400	#158MDRV600	#158MDCD750	#158MDCD850
	F	**G**	**H**	**I**	**J**
Model	**Sennheiser HD-450 II**	**Sennheiser HD-540 II**	**AKG K-240M**	**AKG K-240DF**	**Sennheiser HD-560II**
Description	Open-Air design. High output. Includes full-size & mini plugs, OFC cable, Kevlar shield.	Reference model. Around the ear design. Aluminum voice coils, OFC cable, Kevlar shield.	Pro-quality sound with deep bass. Sealed, around the ear design with adjustable headband.	Open, detailed sound with deep bass. Around the ear design. Calibrated monitor.	Open, smooth detailed sound with deep bass. Open-air design. Plush velvet around-the-ear cushions.
Frequency Response	20-20,000 Hz	16-25,000 Hz	15-20,000 Hz	20-20,000 Hz	16-30,000 Hz
List Price	$99	$199	$139	$169	$279
YOUR PRICE	$79.95	$149.95	$99.95	$119.95	$199.95
Item Number	#143HD450II	#143HD540II	#039K240M	#039K240DF	#143HD560II

Solid Oak Storage Rack

by Case Logic

Special Purchase!

This handsome Case Logic 3-tier storage rack will hold up to 150 compact discs, or a combination of cassettes, CDs, videos and video games. Adjustable dividers on each level accommodate your collection as it grows. And multiple units can be stacked, so your entertainment library won't require any more floor space as it builds. Includes stabilizing feet which are recommended when stacking units. Black woodgrain finish.

Dimensions: 23⅝"W x 19⅜"H x 6"D.

Item #227DCD150K ***SPECIAL: $29.95***

Swivel Tower

by Wood Technology

Store CDs & Videos

This beautifully-finished hardwood custom storage unit from Wood Technology provides easy swivel access to your compact discs and videotapes! Use all six shelves for just CDs (288-disc capacity), just videos (64-tape capacity), or smaller combinations of both. Each shelf holds up to 16 VHS videos (two bottom shelves even handle Disney tapes). Assembles with a phillips screwdriver. Available in oak or ebony finish.

Oak Item #188TO288K
Ebony Item #188TO288E

List Price: $150

YOUR PRICE: $99.95

RCA Cordless Headphones

They're great for late night TV viewing or other times when you want to listen to your favorite TV shows without disturbing others in your household! Simply connect RCA's WHP101 stereo cordless headphones to the audio output on your VCR or TV and enjoy total freedom as you move around your home. The WHP101 offers an operating range of up to 100 feet, and uses a Radio Frequency signal so you won't experience the "line of sight" problems inherent in infrared-type cordless headphones. System includes headset (with built-in rechargeable battery), transmitter, and an AC power adapter. Warranty: 90 days.

Item #144WHP101 ***YOUR PRICE: $149.95***

Tree Dimensions Stack Racks

Handsome custom storage for your audio/video equipment and CDs! Each sturdy Tree Dimensions equipment rack holds two pieces of gear and requires no assembly! Start with a Base Unit or CD Storage Base, then add stack-on units with the 2 shelves provided. The 3-drawer CD Storage Base holds up to 270 CDs on rack, and comes with 9 movable dividers to accommodate your collection as it grows. Crafted in the USA from oak. Available in dark lacquered oak or black finish (for black add "B" to Item #). *Pictured is Stack-on Unit on CD Storage Base.*

SOLD OUT

Dimensions: (Base Unit) 20"W x 11½"H x 15"D; (Stack-on Unit) 20"W x 15"H x 15"D; (CD Storage Base) 20"W x 23"H x 15"D.

Base Unit *Oak* Item #226SR02
YOUR PRICE: $39.95

Stack-on Unit *Oak* Item #226SR03
YOUR PRICE: $49.95

CD Storage Base *Oak* Item #226SR07
YOUR PRICE: $199.95

Telephones

Feature Phones	Cordless	Multi-Line Capacity	Built-In Answering Machine	One-Touch Dialing Memories (max. digits allowed)	Speed Dialing Memories (max.)	On-Hook Dialing	Speakerphone	Last Number Redial	Auto Busy Redial	Programmable Pause	Flash Key	Electronic Hold	Mute	Ringer On/Off	Wall Mountable	Warranty	List Price	Your Price
Panasonic XT-2180				28 (16)		✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	1 yr.	$145	$129.95
Panasonic XT-2250				28 (16)		✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	1 yr.	$80	$64.95
Panasonic XT-2260				28 (16)		✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	1 yr.	$95	$79.95
Panasonic XT-3165		2		24 (16)		✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	1 yr.	$115	$89.95
Panasonic XT-3175		2		24 (16)		✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	1 yr.	$135	$99.95
Panasonic XT-3185		3		24 (16)		✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	1 yr.	$230	$199.95
Panasonic XT-3280		2		28 (16)		✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	1 yr.	$180	$159.95
Panasonic XT-2645			✔	10 (16)		✔		✔		✔	✔	✔	✔	✔	✔	1 yr.	$118	$99.95
Panasonic XT-2710			✔	12 (16)		✔		✔		✔	✔	✔	✔	✔	✔	1 yr.	$155	$139.95
Panasonic XT-2720			✔	12 (16)		✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	1 yr.	$180	$159.95
Panasonic XT-2740		2	✔	20 (16)	10 (16)	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	1 yr.	$250	$219.95
Panasonic XT-2850			✔	10 (16)		✔		✔		✔	✔	✔		✔	✔	1 yr.	$230	$199.95
Panasonic XT-2880			✔	10 (16)		✔	✔	✔		✔	✔	✔	✔	✔	✔	1 yr.	$240	$219.95
Panasonic XT-3855	✔				10 (16)			✔		✔	✔			✔	✔	1 yr.	$130	$99.95
Panasonic XT-3940	✔				10 (16)	✔		✔		✔	✔			✔	✔	1 yr.	$135	$119.95
Panasonic XT-3960	✔				10 (16)	✔	✔	✔		✔	✔	base	base	✔	✔	1 yr.	$170	$139.95
Panasonic XT-3970	✔			16 (16)	10 (16)	✔	✔	✔		✔	✔	base	base	✔	✔	1 yr.	$210	$179.95
Panasonic XT-3980	✔	2			10 (16)		✔	✔		✔	✔	✔	base	✔	✔	1 yr.	$240	$199.95
Panasonic XT-4330	✔		✔		10 (16)		✔	✔		✔	✔			✔	✔	1 yr.	$205	$159.95
Panasonic XT-4350	✔		✔		10 (16)			✔		✔	✔			✔	✔	1 yr.	$190	$139.95
Panasonic XT-4400	✔		✔		10 (16)		✔	✔		✔	✔	base	base	✔	✔	1 yr.	$270	$219.95
Sony IT-B5				3 (16)	10 (16)			✔		✔	✔	✔		✔	✔	1 yr.	$60	$39.95
Sony SPP-77	✔			3 (16)	10 (16)			✔		✔	✔		✔	✔	✔	1 yr.	$130	$99.95
Sony SPP-115	✔				10 (16)			✔		✔	✔		✔	✔		1 yr.	$180	$119.95
Sony SPP-X30	✔			3 (16)	10 (16)			✔		✔	✔	✔		✔	✔	1 yr.	$250	$199.95
Sony SPP-X50	✔			3 (16)	10 (16)		✔	✔		✔	✔	✔		✔	✔	1 yr.	$300	$229.95
Sony SPP-X90	✔			3 (16)	10 (16)	✔	✔	✔		✔	✔	✔	✔	✔	✔	1 yr.	$360	$299.95
Sony SPP-A40	✔		✔		10 (16)			✔		✔	✔		✔	✔	✔	1 yr.	$240	$179.95
Sony SPP-A60	✔		✔		10 (16)		✔	✔		✔	✔		✔	✔	✔	1 yr.	$260	$199.95
Sony IT-A2500			✔	6 (16)	20 (16)	✔		✔		✔	✔	✔		✔	✔	1 yr.	$280	$199.95
Sony IT-A3000			✔	6 (16)	20 (16)	✔	✔	✔		✔	✔	✔		✔	✔	1 yr.	$300	$249.95

Answering Machines	Built-in Phone	Voice Activated Recording	System Type C-Cassette M-Microcassette R-Memory Chip	Max. Incoming Message Length (seconds)	Max. Outgoing Message Length (seconds)	Remote Security Code	Remote Change of Outgoing Message	Remote On Off	Message Forwarding	Ring Select with Toll Saver	Call Screening	Auto Disconnect	Time/Day Stamp	Conversation Recording	Message Counter	Wall Mountable	Warranty	List Price	Your Price
Panasonic XT-2645	✔	✔	M (1)	*	16	100		✔		✔	✔	✔			LCD	✔	1 yr.	$118	$99.95
Panasonic XT-2710	✔	✔	M (2)	*	*	100	✔	✔	✔	✔	✔	✔	✔	✔	LCD	✔	1 yr.	$155	$139.95
Panasonic XT-2720	✔	✔	M (2)	*	*	100	✔	✔	✔	✔	✔	✔	✔	✔	LCD	✔	1 yr.	$180	$159.95
Panasonic XT-2740	✔	✔	M (2)	*	*	1000	✔	✔	✔	✔	✔	✔	✔	✔	LCD	✔	1 yr.	$250	$219.95
Panasonic XT-2850	✔	✔	R	*	*	1000		✔	✔	✔	✔	✔	✔	✔	LCD	✔	1 yr.	$230	$199.95
Panasonic XT-2880	✔	✔	R	*	*	1000		✔	✔	✔	✔	✔	✔	✔	LCD	✔	1 yr.	$240	$219.95
Panasonic XT-4330	✔	✔	M (1)	*	16	10	✔	✔		✔	✔	✔		✔	LED	✔	1 yr.	$205	$159.95
Panasonic XT-4350	✔	✔	M (1)	*	30	2	✔	✔		✔	✔	✔		✔	LED	✔	1 yr.	$190	$139.95
Panasonic XT-4400	✔	✔	M (2)	*	*	100	✔	✔		✔	✔	✔	✔	✔	LCD	✔	1 yr.	$270	$219.95
Panasonic XT-8000		✔	R	*	*	100	✔	✔		✔	✔	✔	✔	✔	LCD		1 yr.	$200	$179.95
Sony TAM-1000		✔	R	240	240	100	✔	✔		✔	✔	✔	✔		LCD		1 yr.	$190	$129.95
Sony SPP-A40	✔	✔	M (1)	240	16	100	✔	✔		✔	✔	✔	✔	✔	LED	✔	1 yr.	$240	$179.95
Sony SPP-A60	✔	✔	M (1)	240	16	100	✔	✔		✔	✔	✔	✔	✔	LED	✔	1 yr.	$260	$199.95
Sony IT-A2500	✔	✔	R	240	240	100	✔	✔	✔	✔	✔	✔	✔	✔	LCD	✔	1 yr.	$280	$199.95
Sony IT-A3000	✔	✔	R	240	240	100	✔	✔	✔	✔	✔	✔	✔	✔	LCD	✔	1 yr.	$300	$249.95

* Message length limited only by capacity of tape or memory chip.

Sony IT-B5

Looking for a small but sturdy phone for the kitchen or bedroom? Don't even consider those flimsy plastic models you see in department stores. They just can't compare to the innovative design and outstanding voice quality of Sony's inexpensive IT-B5. It features 10 speed-dialing memories, 3 one-touch memories for emergency numbers, handy last number redial, handset volume control, electronic Hold and programmable pause. One year warranty.

White Item #158ITB5W
Black Item #158ITB5B
List Price: $60 ***YOUR PRICE: $39.95***

Panasonic XT-3280 *2-Line* • XT-2180 *1-Line Phones*

If you're looking for individual paging and intercom capabilities, the XT-3280 is the ideal choice. Using two standard phone lines it can operate both lines and one intercom path. With two or more of these phones together you can communicate with someone in another room of your home or office without tying up the phone lines! *(Connect up to 8 extensions.)* Other multi-line features include separate LEDs and ringers for each line, 3-way conference calling, programmable line selection, call pickup and transfer, and executive override to speak to an intercom already in use. You also get hands-free speakerphone, Mute privacy button, electronic Hold, 28 one-touch dialing memories, and automatic redial. One year warranty.

Item #133XT3280 List Price: $180 (pictured)
YOUR PRICE: $159.95

*The **XT-2180** is the single-line version.*
Item #133XT2180 List Price: $145
YOUR PRICE: $129.95

Panasonic XT-2250 • XT-2260

Throw away your wish list of basic phone features—the XT-2250 has them all. A built-in speakerphone with on-hook dialing makes telephone conversations as natural as a face-to-face meeting. An autodialer with one-touch access to as many as 28 16-digit numbers means no more riffling through that old address book. If you get a busy signal, no problem—just push a button and your phone will redial the number up to 15 times in 10 minutes until it gets an answer! You also get all the features you would expect in a Panasonic: Electronic Hold (lets you pick up a call on hold from any extension), Mute button, Flash button, and wall mounting. One year warranty.

Item #133XT2250 List Price: $80
YOUR PRICE: $64.95

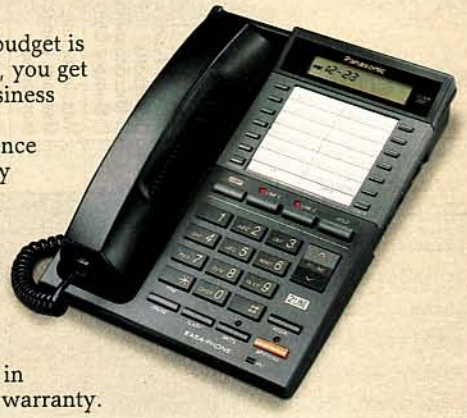
*The **XT-2260** adds a 12-digit LCD display with a built-in clock and a call duration timer.*
Item #133XT2260 List Price: $95 (pictured)
YOUR PRICE: $79.95

Panasonic XT-2645 *Phone/Answering Machine*

What impresses us about the Panasonic XT-2645 is its elegant "all you need" approach. A full-featured phone and a quality answering machine work together to provide almost every phone convenience. The phone features 10 one-touch dialing memories, on-hook dialing, an LCD call-counter, and other great Panasonic extras like automatic Redial, and handset volume control. The answering machine records the greeting on a 16-second memory chip, which reduces wear-and-tear on the tape mechanism and provides more reliable message recording. All messages are recorded on a 30-minute microcassette, and you can set the message recording to unlimited, 1-minute limit, or voice-activated (taping begins when the caller starts talking). When you're on the road, you can control the answering machine or pick up messages from any touch tone phone. One year warr.

Item #133XT2645 List Price: $118
YOUR PRICE: $99.95

Panasonic XT-3165 & XT-3175 *Two-Line Phones* • XT-3185 *Three-line Phone*



If two phone lines is your solution but your budget is tight, check out the XT-3165. For a low price, you get a two-line model with a full slate of basic business phone features. Switch from line to line at the touch of a button, or press the Conference button and bring both calls together for 3-way conversations. A built-in speakerphone gives you hands-free conversations and on-hook dialing, leaving you free to talk while working on other tasks. And 24 one-touch dialing memories make placing calls a snap, whichever line you use. Automatic Redial makes sure you always get through, dialing the last number called up to 15 times in 10 minutes until it gets an answer. One year warranty.

Item #133XT3165 *Black* #133XT3165B
List Price: $115 ***YOUR PRICE: $89.95***

*Panasonic's **XT-3175** (pictured) adds an easy-to-read LCD panel that displays time of day, the number dialed, and call duration.*
Item #133XT3175 *Black* #133XT3175B
List Price: $135 **SALE: $99.95**

*For really busy people, the **XT-3185** adds a third incoming line. With 3 lines, you'll have the capability of many small businesses for the price of one affordable phone! (Requires 3 standard phone lines.)*
Item #133XT3185 *Black* #133XT3185B
List Price: $230 ***YOUR PRICE: $199.95***

Panasonic XT-2710 • XT-2720 *Phone/Answering Machines*

The XT-2710 gives you a full-featured phone and an answering machine for less than it would cost to buy each separately. The answering machine stores the greeting and messages on separate microcassettes, which cuts down on rewinding and allows longer messages and greetings. It also includes a voice time/day stamp, as well as remote operation from a touch-tone phone. The telephone is packed with the most popular and convenient functions, like 12 one-touch dialing memories, a 12-digit LCD display, electronic Hold, and auto redial. One year warranty.

Item #133XT2710 List Price: $155
YOUR PRICE: $139.95

*The **XT-2720** (pictured) adds a voice menu that guides you through remote operation of the answering machine, and includes a hands-free speakerphone.*

Item #133XT2720 List Price: $180
YOUR PRICE: $159.95

Panasonic XT-2850 • XT-2880 *Phone/Digital Answering Machines*

The sound quality and reliability of a Panasonic phone, plus the unparalleled convenience of a digital answering machine! The XT-2850 gives you a total of 20 minutes of digital recording time. Press a button to access or delete any message (without losing those you want to keep). Two personal "mail boxes" let two users collect and access their messages separately. Other answering machine features include message memo, time/day stamp, remote operation from a touch-tone phone, message transfer, and an informative LCD panel. Among the phone features are 10 one-touch memories, automatic redial, and electronic Hold. One year warranty.

Item #133XT2850B List Price: $230
YOUR PRICE: $199.95

*The **XT-2880** (pictured) adds 2 more personal mail boxes, a speakerphone, and 30 minutes total message time.*

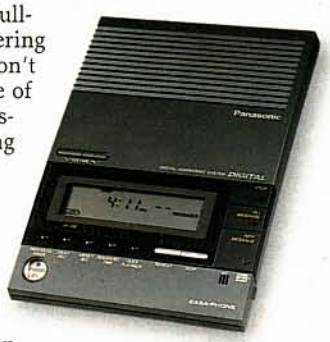
Item #133XT2880B List Price: $240
YOUR PRICE: $219.95

Panasonic XT-2740 *2-line Phone/Answering Machine*

If you have two phone lines in your home, that's twice as many messages you have a chance of missing. Panasonic's XT-2740 won't let that happen. It pulls double duty as a two-line phone and a two-line answering machine. There are separate microcassettes for your greetings and incoming messages, and you can record different greetings for each line. You have complete remote operation from any touch-tone phone, with a voice menu to guide you through. Other features include 1,110 user-programmable security codes and voice time/day stamp for each message. Telephone features include a 30-number autodialer, speakerphone, and handy Auto Busy Redial. This compact beauty is desk- or wall-mountable. One year warranty.

Item #133XT2740 List Price: $250
YOUR PRICE: $219.95

Panasonic XT-8000 *Digital Answering Machine*



If you need a full-featured answering machine but don't need the hassle of rewinding, erasing, or replacing cassette tapes, the tapeless XT-8000 is the answer. It stores all messages and greetings on memory chips (18 minutes total recording time). Skip to the message you want to hear in an instant. Listen only to new messages, zip through any message at 1.3 times normal speed, or skip over the messages you don't want to hear. You can even choose which messages you want to delete and which you want to keep! The XT-8000's other features are just as impressive. With voice-prompted remote operation, you can record a new greeting, play back or erase messages, turn the greeting on or off, or even listen in on the room the unit is in through the built-in speaker—all from any touch-tone phone. A time/day stamp keeps track of the messages for you, and an LCD display shows the time, number of messages, remaining recording time, and current status. Dimensions: 5⅞"W x 1⅞"H x 8¼"D. One year warranty.

Item #133XT8000 List Price: $200
YOUR PRICE: $179.95

Sony IT-A2500 • IT-A3000 *Phone/Digital Answering Machines*

The elegant IT-A2500 combines the latest in digital answering technology with the great features and reliability of a Sony telephone. The digital answering machine gives you 9 minutes of recording time, without cassette tapes. You can access or delete any message instantly, at the press of a button. The Digital Message Shuttle feature lets you replay messages as slow as 70% to as much as 160% of normal speed so you can find the information you need in a hurry. The phone features 6 one-touch and 20 speed-dialing memories, and electronic Hold. Dove gray finish. One year warranty.

Item #158ITA2500 List Price: $280
YOUR PRICE: $199.95

*The **IT-A3000** extends recording time to 18 minutes. The feature phone adds a built-in speakerphone, and 3 separate "message boxes" so up to 3 users can collect and access their messages separately. Charcoal black finish.*

Item #158ITA3000 List Price: $300 (pictured)
YOUR PRICE: $249.95

Sony TAM-1000 *Digital Answering Machine*

The TAM-1000 is about as easy to use as an answering machine can be. All of the message playback features are controlled from a dial that you can operate with the light touch of one finger. The 9-minute digital playback lets you instantly repeat or skip a message, or slow down the playback to as little as 70% normal speed (if you need to get every word of the message) or speed up as much as 160% normal speed (if you want to do a little message "scanning"). Digital recording means no tapes to rewind or wear out, so you get instant playback response and reliability unmatched by cassette-based answering machines. Dim.: 6⅝"W x 1⅞"H x 7"D. One year warranty.

Item #158TAM1000 List Price: $190
SALE: $129.95

With cordless freedom, life doesn't have to change course when the phone rings.

Sony SPP-115

You walk to the phone only to find your cordless handset missing. No problem with Sony's SPP-115. Just press a button to send a beep signal from the base to the handset when you want to page a family member or locate the misplaced handset! The SPP-115 also features 10 speed-dialing numbers for friends and family you call most often. For crystal-clear sound quality, this Sony automatically scans 10 available channels and selects the clearest one, while noise reduction circuitry filters out any background noise. It also features a stand-alone handset with a long-life 7-day battery, and a dual rechargeable battery system (one in the handset and one in the base), so you'll have a fresh battery ready at all times. Other conveniences include last number redial, programmable pause, Flash and Mute. One year warranty.

Item #158SPP115 List Price: $180 ***YOUR PRICE: $119.95***

Sony SPP-77

If the freedom of cordless conversation is all you want in a phone, let us introduce you to the Sony SPP-77. Simple, reliable, and affordable, it's all the cordless you need, with none of the expensive features you don't. And best of all, it has the remarkable cordless sound quality you'd expect from Sony. From the handset you can pick from any of 10 reception channels to find the cleanest signal. Sony's noise filtering system pitches in, too, isolating the voice and muting the static. This is one cordless that won't make you strain to hear or to be heard. Other great conveniences include an out-of-range alert, 3 one-touch and 10 speed-dialing memories, a lighted keypad for night dialing, base-to-handset paging, last number redial, Pause, Mute, and Flash keys. One year warranty.

Cream Item #158SPP77 List Price: $130
YOUR PRICE: $99.95

Panasonic XT-3940 • XT-3960

When cordless phones first appeared years ago, they often had trouble holding a charge, or took forever to recharge. Some models sounded lousy. If you gave up on cordless technology, now is the time to give it a second chance. The XT-3940 has a quick-charge battery that gives you 25 minutes of talk time after just 10 minutes of charging time and up to 21 days of power after a 3-hour charge. Sound quality is enhanced by new Sound Charger Plus noise reduction circuits and automatic 10-channel scanning for the clearest frequency. The unique reversible charging handset (as pictured) allows on-hook dialing while it charges. You also get 10 speed-dialing memories, 1-way paging from handset to base, and a Flash button. One year warranty.

Item #133XT3940 List Price: $135 (pictured)
YOUR PRICE: $119.95

*The **XT-3960** adds an LCD on the handset that shows channel, battery strength and out-of-range alert, plus a base speakerphone, 2-way paging with intercom, and electronic Hold.*

Item #133XT3960 List Price: $170
YOUR PRICE: $139.95

Panasonic XT-3970

With a dialing pad and speakerphone in the base, you won't have to track down the handset every time you need to place or take a call. The XT-3970's base even includes 16 one-touch memories for fast access to your most frequently called numbers. This Panasonic offers their latest Sound Charger Plus noise reduction circuitry, plus the full docket of cordless features found on the XT-3960 (see description at left). The handset LCD shows the number dialed. One year warranty.

Item #133XT3970 List Price: $210
YOUR PRICE: $179.95

Panasonic XT-3855

The XT-3855 is a basic cordless with a space-saving stand-up handset design that's ideal for a crowded desktop, small shelf, or the narrowest space on your kitchen counter. Besides Panasonic's Sound Charger technology (for great sound) and the 10 frequency channel access (for even better sound), the XT-3855 also delivers 10 one-touch dialing memories, Redial, 256 digital security codes, a convenient luminescent dial for nighttime use, and intercom and 2-way paging between the handset and base. One year warranty.

Ash Item #133XT3855
Black Item #133XT3855B
List Price: $130 ***NEW LOW PRICE: $99.95***

Sony SPP-X30 • SPP-X50

No matter where you are or how full your hands are, you can take a call on the SPP-X30. A speakerphone is built *into the handset,* so all you do is touch one button and begin your conversation. And it's just as easy to make a call using the one-touch dialing memory. This high-tech cordless also includes a dual battery system, so you're never stranded without a charged battery, 10-channel Auto Scan with noise reduction for top sound quality at all times, and 2-way paging between the base and handset. Its out-of-range alert is helpful when you wander too far, and the 1 million-code security systems wards off unwanted ears. The backlit keypad makes nighttime use extra easy. One year warranty.

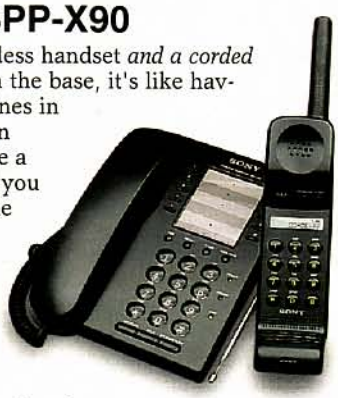
Item #158SPPX30 List Price: $250 ***YOUR PRICE: $199.95***

*The **SPP-X50** adds a speakerphone in the base.*

Item #158SPPX50 List Price: $300 (pictured)
SALE: $229.95

For more information, please see the charts on page 131.

Sony SPP-X90



With a cordless handset *and a corded handset* with the base, it's like having two phones in one! You can always make a call, even if you can't find the handset. The SPP-X90 also offers outstandingly clear Sony sound, and a built-in speakerphone in the base and in the handset. No matter where you are with the handset, you can press the speakerphone button and talk, hands free. Before dialing, Sony's auto-scan circuit monitors 10 frequency channels for clarity, and instantly switches you to the channel with the least interference. The result is one of the best cordless sound systems we've heard. You also get Sony's dual-battery system, a 12-digit LCD, 2-way paging with intercom, 3 one-touch/10 speed-dialing memories, 1,000,000 digital security codes, Flash, electronic Hold, and a backlit keypad for nighttime use. One year warranty.

Item #158SPPX90 List Price: $360
YOUR PRICE: $299.95

Sony SPP-A40 • SPP-A60
Cordless Phone/Answering Machines

It takes impressive engineering to make a cordless phone/answering machine that is smaller than most ordinary phones! This sharp little Sony goes anywhere from the smallest corner of your desk to a narrow slot on the office bookshelf. Just push a button on the cream-colored SPP-A40, and it searches across 10 reception channels for the clearest cordless sound. It also has 2-way paging and intercom, 10 speed-dialing memories, and 256 security code combinations. The answering machine records the greeting message on a computer chip (so it will never wear out). Other features: remote control from any touch-tone phone, voice time/day stamp, and an LED message counter. One year warranty.

Item #158SPPA40
List Price: $240 ***YOUR PRICE: $179.95***
*The black **SPP-A60** adds a base speakerphone.*
Item #158SPPA60 (pictured)
List Price: $260 ***YOUR PRICE: $199.95***

Panasonic XT-4330
Cordless Phone/Answering Machine

High tech features, like a computer chip to store your greeting and a channel scanner to keep interference down, combine to make the XT-4330 an outstanding value. The answering machine records your messages on a microcassette and your greeting on a computer chip (16 sec. limit). Since the greeting is the most often-played message on an answering machine, digitizing it dramatically reduces wear on the recording mechanism. The answering machine also includes remote control from any touch-tone phone. The cordless phone uses Panasonic's auto scan technology for superior sound—a computer chip searches across 10 frequencies for the channel with the least interference. The cordless phone features include an extended-life battery that lasts for up to 14 days without a recharge, a speakerphone, 10 speed-dialing memories, and 2-way paging between the handset and base. One year warranty.

Item #133XT4330 List Price: $205
SALE: $159.95

Panasonic XT-4350
Cordless Phone/Answering Machine

Stay on the move around your home, garage, and yard and keep the cordless handset of the XT-4350 near at hand. If you don't want to be interrupted, the answering machine in the base unit will take a message. Keep the convenient portable cradle with you, and you can pick up and talk without having to press the Talk button. Cordless phone features include 10-channel access with Sound Charger noise filtering, 10 speed-dialing memories, and 2-way paging with intercom. The answering machine features 11-function remote operation, so you can retrieve your messages, turn the answering machine on and off, or record a new greeting from any touch-tone phone. One year warranty.

Ash Item #133XT4350
Black Item #133XT4350B
List Price: $190 **SALE: $139.95**

Panasonic XT-3980
Two-Line Cordless Phone

More and more people are adding a second phone line at home for business use. Panasonic's XT-3980 handles two lines, giving you double the cordless convenience. You have 2-line selection and conference calling from both base and handset, as well as a speakerphone in the base for clear 2-way base-to-handset intercom. Separate LEDs and ringer tones identify which line is in use. 10-channel Auto Scanning and Panasonic's Sound Charger noise filtering system combine to deliver uncommon clarity. An LCD readout on the handset shows number dialed, channel, call duration, program mode, and battery strength. Conveniences include an out-of-range alert, 10-number autodialer, Redial, electronic Hold. One year warranty.

Ash Item #133XT3980
Black Item #133XT3980B
List Price: $240 ***YOUR PRICE: $199.95***

Panasonic XT-4400
Cordless Phone/Answering Machine

The XT-4400 brings together almost every major feature Panasonic offers in a phone. The built-in microcassette-based answering machine includes a voice time/day stamp, as well as remote control, allowing you to access every feature from any touch tone phone. A synthesized voice guides you through all the options, so you don't have to remember access codes. The cordless phone has 10 reception channels, and a microprocessor that automatically scans for the channel with the least interference. The handset features an LCD panel that displays the number dialed, the channel used, an out-of-range warning, battery strength, and call duration. All that plus a speakerphone with 2-way intercom and a 14-day battery equals a remarkable cordless value. One year warr.

Ash Item #133XT4400
Black Item #133XT4400B
List Price: $270 ***YOUR PRICE: $219.95***

CONSUMER TIP

Plain Paper Faxes: Easy Handling, Easy Reading

The cost of fax machines has dropped to the point where they are now standard equipment in home offices and small businesses. Today, plain paper is replacing thermal paper. Here's why:

- **Easy To Read:** Compared to thermal paper faxes, plain paper faxes come out looking razor sharp. You get 300 dots-per-inch (dpi) vertical resolution, compared to only 200 dpi with thermal.
- **Easy To Handle:** A fax is often circulated or filed as a formal document. A plain paper fax doesn't require photocopying to compensate for the quality of the paper. Thermal faxes often do. You save time and money by reducing your paper load, and you get a signature-ready, professional looking document right from the start.
- **No Fading:** Plain paper faxes remain readable for a long time. Thermal paper is chemically unstable–the paper darkens and images fade.
- **Easy To Write On:** Plain paper takes ink well and does not tear or wrinkle easily. Thermal paper isn't meant for writing. Its slick finish and flimsiness makes writing difficult.
- **No More Curled Faxes:** Because a plain paper fax lies flat, it speeds up routine office tasks like copying and filing. Thermal fax paper curls into "tubes" that are difficult to handle, especially if they must be copied.

Call us with your questions!

Muratec M3000

- **250-sheet paper tray**
- **30-page document feeder**
- **16-page memory (receive), 32-page (send)**
- **Sequential broadcasting (80 locations)**
- **30 one-touch/50 speed-dialing memories**

This workhorse will make your work go easier and faster! The M3000 combines high-volume office capacity with film imaging technology for superb definition and economical output. The 16-page memory means you'll keep receiving messages even after the paper tray is empty. Big faxing jobs are no problem with the 30-page document feeder. And the 32-page send memory lets you fax after hours to save toll charges. Dials a busy number repeatedly so time-sensitive documents are sent as soon as possible. Error correction mode compensates for phone line interference and helps insure high quality transmissions. Dimensions: 19¼"W x 18½ "H x 9"½"D. Warranty: 90 days.

Item #274M3000 List Price: $1899 ***YOUR PRICE: $999.95***

Accessories: Replacement Film Cartridge Item #274PF100 **$39.95**

Canon FAXPHONE B70

- **50-sheet paper tray**
- **5-page document feeder**
- **20-page memory (receive)**
- **64 grayscale shades**
- **7 one-touch/30 speed-dialing memories**
- **Compact vertical design**

The FAXPHONE B70 uses Canon's bubble jet technology to produce laser-sharp images. Internal memory stores 20 pages for receiving when out of paper. The 64-shade grayscale reproduces photos and graphics with amazing accuracy and detail. Dimensions: 16⅞"W x 5⅛"H x 12⅜"D. Warranty: 90 days.

Item #270FAXB70 List Price: $1575 ***YOUR PRICE: $769.95***

Accessories: Replacement Ink Cartridge Item #270BC01 **$29.95**

Brother IntelliFAX 980M

- **200-sheet paper tray**
- **30-page document feeder**
- **10-page memory (receive)**
- **32 grayscale shades**
- **60 one-touch/100 speed-dialing memories**
- **Automatic fax/phone switch with answering machine interface**
- **Programmable electronic cover pages**

The 980M is Brother's answer for the busy small office or home office. An easy-to-read 2-line-by-24-character LCD panel combines with an alphabetical phone index to help you find phone numbers fast. Busy numbers are redialed up to three times at 5-minute intervals. Brother's "Smoothing" Enhanced Image Resolution removes jagged edges from text so that incoming documents are easier to read. The time-saving electronic cover page feature generates 4 pre-programmed and 2 programmable messages. Dimensions: 22⅛"W x 8⅜"H x 16¾"D. Warranty: 1 year.

Item #282FAX980M ***YOUR PRICE: $699.95***

Accessories: Replacement Ink Cartridge Item #282PC9 **$29.95**

Plain Paper Faxes	Compatibility	Speed Dial 1-touch	Speed Dial 2-touch	Gray Scale Shades	Paper Tray Capacity	Document Feeder Capacity	Page Memory (Receive)	Page Memory (Send)	FAX/Phone Switch	TAD Port	Item Number	Your Price
Brother IntelliFAX 980M	G3	60	100	32	200	30	10	10	✔	✔	282FAX980M	$699.95
Canon FAXPHONE B70	G3	7	37	64	50	10	20	20	✔	✔	270FAXB70	$769.95
Muratec M3000	G3/G2	30	50	16	250	30	16	32	✔	✔	274M3000	$999.95

Brother IntelliFAX 780MC

- Automatic paper cutter
- Handles both fax and voice messages
- Retrieves stored messages in memory
- 32 grayscale shades
- 50-page memory (receive)

The 780MC has advanced features you don't expect for $500. This complete message center stores up to 12 minutes of voice messages in memory, can page you, *and* has fax forwarding capability. It saves time by scanning in originals at three times normal speed and then transmitting from memory. The anti-curl paper path flattens thermal paper for easier handling. Holds a full 164-foot roll of fax paper. Dimensions: 15"W x 5"H x 12"D. Warranty: 1 year.

Item #282780MC ***YOUR PRICE: $499.95***

Panasonic KX-F150 • KX-F250

- 10-page document feeder
- Speakerphone
- 12 one-touch/28 speed-dialing memories
- 16 grayscale shades

Simplify and organize your daily phone and fax communications. Both the KX-F150 and KX-F250 have a built-in answering machine and automatic fax/phone switch to accept either a voice message or a fax. Flat paper path inhibits curling of thermal paper and both give you superfine resolution. Dimensions: 16⅞"W x 5⅛"H x 12⅜"D. Warranty: 1 year.

Item #133KXF150 List Price: $650 ***YOUR PRICE: $399.95***

*The **KX-F250** (pictured) increases your speed-dial numbers to 100 and gives you an automatic paper cutter.*

Item #133KXF250 List Price: $750 ***YOUR PRICE: $479.95***

Muratec M920 • M1220

- Automatic paper cutter
- 10-page document feeder
- Answering machine connection
- 16 grayscale shades

At just $399.95, the M920 is our most affordable fax machine with an automatic paper cutter. Both models offer super-fine resolution and 16 grayscale shades. Both include autodialers with both one-touch memories (M920 has 10, M1220 has 20) and speed-dial memories (M920 has 40, M1220 has 80). Both hold a full 164' paper roll. Dim: 14¼"W x 11½"D x 4½"H. Warranty: 90 days. *M920 is pictured.*

Item #274M920 ***YOUR PRICE: $399.95***

*The **M1220** adds error correction mode, 32-page memory (send), and 28-page memory (receive) for out-of-paper reception.*

Item #274M1220 ***YOUR PRICE: $469.95***

Sharp NX-1 Home Fax

- Wall mountable
- Fine or Halftone print mode
- Autodialer with 5 one-touch memories and 20 speed-dial memories

The NX-1 is the answer for anyone who wants a full-featured phone with fax capabilities at home. It's easy to install because it shares a single line with your existing phones and it automatically distinguishes between incoming faxes and phone calls. The NX-1 uses upgraded thermal paper that resists curling and is much closer to the look and feel of plain paper. Dimensions: 12⅝"W x 4⅛"H x 9"D. Warranty: 90 days.

Item #283NX1 List Price: $495 ***YOUR PRICE: $299.95***

Accessories: 56' roll Thermax fax paper—2-pack Item #283NX1R2 $14.95

NCR Fax Paper: 98' roll—6-pack Item #350877039 ***$19.95***
164' roll—6-pack Item #350877123 ***$29.95***

AcerFax F-26

- PC link to personal computer
- Built-in modem
- 10-page automatic document feeder
- 16 grayscale levels
- 10 one-touch dialing memories

The Acer F-26 is an advanced communications tool for any business or home office with a PC. It connects to your computer to give you a full-featured fax machine that also serves as a modem and 200 dpi scanner. The modem can exchange files directly with another PC using Acer's FaxLink software (included). The AcerFax F-26 also works as a plain paper fax because it will route incoming messages to a laser printer. Of course, you can also send and receive paper-based faxes. A built-in speakerphone lets you keep your hands free while you talk. Has built-in copier capability with superfine resolution. Multi-language status report supports Spanish, German, and Italian. Dim.: 12⅝"W x 7¾"H x 7⅜"D. Warranty: 1 year.

Item #448F26 ***YOUR PRICE: $379.95***

Thermal Faxes	Compatibility	Speed Dial 1-touch	Speed Dial 2-touch	Gray Scale Shades	Paper Roll	Automatic Paper Cutter	Page Memory (Receive)	Page Memory (Send)	Fax/Phone Switch	TAD Port	Anti-Curl	Item #	Your Price
Sharp NX-1	G3	5	15	16	98'				✔	✔		283NX1	$299.95
AxerFax F-26	G3	10		16	98'				✔	✔		448F26	$379.95
Muratec M920	G3	10	40	16	164'	✔			✔	✔		274M920	$399.95
Panasonic KX-F150	G3	12	28	16	98'				✔	Built-in	✔	133KXF150	$399.95
Muratec M1220	G3	20	80	16	164'	✔	28	32	✔	✔		274M1220	$469.95
Panasonic KX-F250	G3	12	100	16	98'	✔			✔	Built-in	✔	133KXF250	$479.95
Brother IntelliFAX 780MC	G3	20	40	32	164'	✔	50	25	✔	Built-in	✔	282780MC	$499.95

Computers

Open A Window To The World With A Multimedia PC

At Crutchfield, we offer the full range of computers, from basic desktop systems all the way up to full-blown multimedia mini-towers. And now is a great time to buy. Computer prices have never been lower, the hardware has never been more powerful and the software more packed with features and just plain fun! Today, multimedia represents the latest development in desktop technology. It integrates full-motion video images with stereo sound.

Multimedia is changing the way we use computers. It adds "dimensionality" and impact by involving more of our senses. It also helps us retain more information by allowing us to run advanced interactive CD-ROM software. We want more educational and entertainment value from today's PC and this is precisely where multimedia has the most exciting potential.

Work And Learn At Home

If you place value on knowledge and fun, a multimedia computer will pay for itself in no time. CD-ROM interactive software gives you limitless educational, entertainment, and research opportunities that add tremendous value to your PC. And a fax/modem allows you to connect with on-line services that open up a new world of valuable information.

Do Better In School

A multimedia PC is perfect for students of all ages because CD-ROM software is so powerful. It encourages learning by exploring. The CD-ROM drive gives you instant access to an astonishingly rich combination of images and text. The 16-bit sound card plays back music, dialog, and sound effects with CD quality. Knowledge enhancing software will improve test scores and raise grade point averages all the way through college. And multimedia can continue educating for a lifetime!

Crutchfield Meets The Challenge!

Our multimedia computers are *MPC Level 2 compliant*. This means they meet or exceed the latest specifications adopted by the computer industry for multimedia performance. You'll be able to run the latest state-of-the-art CD-ROM software to its full potential. And our systems work right out of the box because they come with free CD-ROM titles to get you started. Give us a call to learn more!

Johnny Wilkinson, Computer Buyer

The Heart of a Crutchfield Multimedia PC

- **Power Supply:** Our 250 watt power supply has the capacity you need to handle add-in cards and extra drives.
- **Expansion Slots:** Increase your capabilities with add-in cards. Our machines give you plenty of room to expand.
- **Local Bus Video:** Our video card processes complex graphics fast! This is necessary to attain smooth, fluid motion of multimedia images. The card also displays up to 16.8 million colors!
- **Hard Drive:** Our hard drives start at 250 MB to give you plenty of storage capacity. The local bus controller helps make them lightning-fast!
- **Local Bus Controller:** Plugs into a 32-bit VESA bus to increase data transfer rates from hard drive and floppy drive so system performance speeds up.
- **16-bit Sound:** The Media Vision Pro AudioSpectrum card gives you CD-quality stereo sound! A microphone is included to give you record and playback capability.

- **CD-ROM drive:** Our systems contain a double-speed drive capable of transferring data at 335 KB per second to give you smooth sound and fluid visuals. The "double speed" drive meets the new MPC Level 2 specification.
- **Dual Floppy Drives:** Being able to use both 3½" and 5¼" diskettes gives you maximum versatility when buying software.
- **Processor and RAM:** Our systems are powered by an Intel486™DX/33 or DX2/66 processor with a minimum of 4 MB of RAM to handle high performance multimedia software.
- **Case and Construction:** Our systems come standard with a 1.44mm, nickel-plated cold rolled steel case and all metal chassis for rigidity.
- **Multimedia Speakers:** Stereo sound is only as good as the speakers that produce it. We carry speakers from the leaders: Sony, Yamaha, Altec Lansing, and Labtec. See page 151 for a complete selection.

Only Crutchfield Multimedia PCs Come With So Much Free Software...

• ***The New Grolier Multimedia Encyclopedia***™ on CD-ROM is a digital encyclopedia that turns learning and research into exciting adventures. Experience NASA missions, major sports events, and famous historical figures with full motion color video and stereo sound. Contains more than 33,000 articles, and 3,000 images and photographs. A very powerful research tool for anyone in school. It's also high-powered fun for anyone interested in learning more about the world! Students, look up any topic while writing a paper!

• ***The Animals!***™ on CD-ROM was developed with the world-renowned San Diego Zoo. This is a multimedia safari adventure that lets you see and hear over 200 exotic mammals, birds, and reptiles. Over 60 minutes of video, sounds, and stories are presented. Click on the habitat map to visit animals that live in a particular climactic zone (tropics, tundra, savannah). Take a narrated tour bus to selected destinations. Learn about protecting endangered species. A perfect multimedia experience for any pre-teen who loves animals.

• ***Mayo Clinic Family Health Book***™ on CD-ROM is the ultimate in illustrated reference guides. This interactive tool combines illustration, animation, video, audio, and text to explain the mysteries of the human body in a revolutionary way. Animated sequences illustrate complex systems. Vital health information is provided in first aid, exercise and fitness, pregnancy, newborn and infant care, nutrition and health and many other areas.

• ***Kodak Photo CD***™ on CD-ROM lets you tap into the visual power of photographs. Use a photo service or Kodak to digitize your family album or vacation pictures and then download the files into your PC. Kodak's software lets you view the images on your high-resolution monitor. View a full contact sheet, rotate and crop images, cut and paste photos into your word processor.

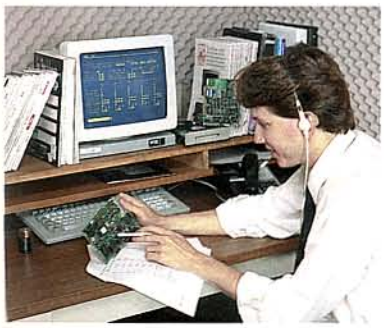
• ***Microsoft Windows***™ ***3.1*** puts the full power of your PC at your fingertips. For the novice, learning new software is easy because icon-driven commands and uniform help systems standardize your operation. For the experienced user, no interface offers so much compatibility with existing software. You can always find a program that will meet your needs. Millions of users worldwide have made Windows the standard graphical user interface.

• ***PFS WindowWorks***™ by Spinnaker gives you advanced word processing, spreadsheet, database, graphing, charting, and communications capabilities. You also get a label maker and a digital address book. All in one integrated software package that runs under Microsoft Windows™. You can open multiple windows simultaneously and combine a spreadsheet, word processor, and chart into one document. You can also get information from on-line services.

...And Only Crutchfield Makes Buying a Computer So Easy!

• Knowledgeable Staff:
Certainly you have questions; a computer is a major purchase. Our Sales Advisors are among the most knowledgeable in the business, and they're happy to take the time to talk things through.

• Fast Service:
Most orders received before 4 p.m. Eastern time are shipped from our warehouse the same day. Naturally, weekends, legal holidays or an unforeseen supplier back order could cause a delay.



• Experience:
Our expertise is built on 19 years of experience in consumer electronics. We understand that friendly, knowledgeable service is important to you.

• Toll-free Technical Support: We all know that computers can be frustrating. Our technicians are here to assist you, 7 days a week. Our Technical Support Policy covers you for the life of the system.

• UPS Shipping is only $3.95:
Other companies charge up to $100 extra to ship your system to your door. We don't. Shipping is a flat $3.95 no matter how big, heavy or expensive your order.

• 30-day Total Satisfaction Guarantee:
Take up to 30 days to become familiar with your system. If – for any reason during that time – you are not completely satisfied with it, just call us. We'll take it back and give you a refund for the full amount of the merchandise. We only request that you call for a Return Authorization Number and that the equipment be in "like new" condition.

New Features!

- Hard drives start at 250 MB
- Upgradeable to Intel's Pentium™ technology
- Memory expandable to 64 MB
- 3 local bus slots
- Includes new MS-DOS 6.2

intel inside

- *Monitor Sold Separately*
- *External Speakers Recommended–see p. 151*

Desktop Elegance: The Black Multimedia System from Crutchfield

Crutchfield Multimedia Systems

Power, Quality, Value, and Style!

Power and Quality: Multimedia requires a lot of power, and Crutchfield gives you what you need. First, we start with an Intel 486™DX/33 or DX2/66 processor. Next, we mount a high-speed video accelerator card on a 32-bit VESA local bus to handle complex graphics. Our IDE hard drive interface also rides the local bus, so data retrieval is sped up considerably. Your hard drive is either 250 MB or 340 MB so you won't run out of disk space. To handle Windows and other memory-intensive programs efficiently, we include 4 MB of RAM (you can upgrade to 64 MB). Finally, there's room to "grow" your system with lots of expansion slots and an extra drive bay.

Value: The latest MPC level 2 specifications demand a lot from your PC. Crutchfield Multimedia PCs are "MPC level 2-compliant," so you know they can handle today's most advanced CD-ROM software. We also give you valuable CD-ROM software titles with every system. And our 16-bit sound card produces CD-quality stereo sound.

Style: Why black? The computer is a very visible part of an office, and in your home it may end up sharing space with your audio/video gear. The elegance of our black systems not only fits into both settings, it enhances them. If you're spending money on a high-performance system, why not buy one that's visually stunning?

Monitor Options

Crutchfield offers several monitors so you can select the one best suited to your needs and budget. Both 14" monitors have a very fine .28 mm dot pitch for crisp, richly-saturated images that minimize eye strain. The 17" monitor has a super-fine .26 dot pitch for razor-sharp clarity.

Black Monitors: 14"

The Crutchfield **non-interlacing** color monitor offers more screen refreshes per second at high resolution to eliminate image flicker. Sharply etched lines keep your eyes fresh for desktop publishing, complex graphics, games, and CAD. This is also an excellent monitor for showing off the dazzling graphics of the latest CD-ROM software. Dim.: 14"W x 14"D x 15"H.

Item #431CM1458B ***YOUR PRICE: $399.95***

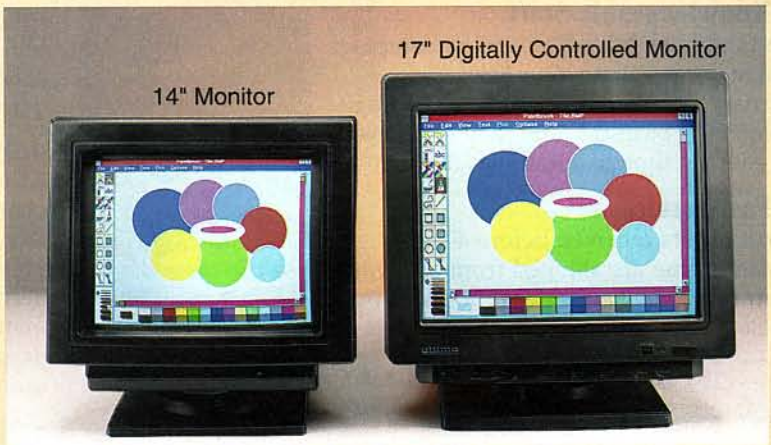
The Crutchfield **interlacing** version is an affordable alternative that is fine for standard Windows graphics, word processing or spreadsheets. Dim.: 14"W x 14"D x 15"H.

Item #431CM1488B ***YOUR PRICE: $349.95***

Black Monitor: 17"—Get the BIG Picture

The **Altima V-Scan 70** color monitor has up to 40% more viewing area than a 14" monitor. Its extremely high resolution makes it an ideal upgrade for demanding Windows applications. Its flat screen eliminates the bowing or "doming" that can distort straight lines on curved screens. A built-in processor lets you digitally adjust the image to get the best quality possible. The .26 dot pitch delivers incredibly sharp, bright images. Well within Swedish MPR-II standards for radiation safety levels. Max. resolution: 1280x1024. Dimensions: 16"W x 16"H x 17¾"D.

Item #425VSCAN70 ***YOUR PRICE: $999.95***



The display area of a 17" monitor is up to 40% larger than a 14" monitor.

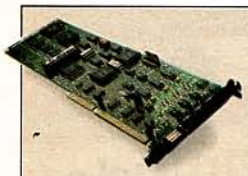
High Performance And Advanced Components...

Powerful Software Included

It's the software that gives multimedia its appeal and its power. Our multimedia systems include the following FREE CD-ROM titles: *Grolier's Encyclopedia*, *Mayo Clinic Family Health*, San Diego Zoo's *The Animals*, *Multimedia Mania*, and Kodak's Photo CD Software. Also included FREE: *MS-DOS 6.2*, Microsoft *Windows 3.1*, Spinnaker *PFS WindowWorks 2.0* integrated software package, and the exclusive *Crutchfield Help Library*. In total, over $700 worth of free software.

Fast CD-ROM Drives

The double-speed **CD-ROM drive** in our machine transfers data at 335 Kb per second, and it has a super-fast 240 ms. access time. It meets the latest MPC 2 requirements for multimedia performance so you can run today's CD-ROM software to its fullest potential. CD-ROM raises the PC to a new level of technology and software capability. Before long, every computer will have one.



Brilliant Sound

Our **Media Vision Pro AudioSpectrum 16-bit sound card** delivers clear, high-fidelity stereo sound. It includes a waveform editor, a MIDI sequencer, a text-to-speech synthesizer, a 4-track music player, and more. It can record sound as well as play it back. This allows you to add voice notes or music to your presentations or spreadsheet cells. The way to fully appreciate this excellent sound is by adding a pair of quality speakers (sold separately). You'll find a variety to choose from on page 151.

Sharp Visuals

The **local bus video card** turbocharges Windows software! Dedicated circuits handle instructions that would normally be processed by the CPU. The card is specially designed to accelerate Windows and plugs into a VESA local bus slot. This doubles the width of the data path so instructions are instantly transferred from the CPU to the video card. The card can display 16.8 million colors for photo-realistic images in true 24-bit color!

Lifetime Technical Support

It's no big secret that computers can be frustrating. We expect you to have questions, and occasionally you'll need support. Our technical staff is ready and waiting, seven days a week from 8 am to Midnight, toll-free. Few computer *manufacturers* can match this commitment. We constantly train our sales and tech support staffs. We also maintain and constantly update our online technical database. You get the answers you need, fast! You won't find a more knowledgeable or accessible staff anywhere. And our technical support is available for the life of your Crutchfield PC.

...Combined With Configurations Designed To Match Your Needs!

Processor/ Speed	Upgradeable to Pentium Technology	Cache	RAM Standard/Max.	Hard Drive	3.5" Floppy	5.25" Floppy	Double Speed CD-ROM	Pro Audio Spectrum 16	Microphone	Multimedia Software	256 colors 1024 x 768 Resolution	Video RAM Standard/Max.	16-bit Slots Total/Available	32-bit VLBus Slots Total/Available	Drive Bays Total/Available	Item #	Your Price
i486™DX/33	✔	8KB int./ 128KB ext.	4MB/ 64MB	250MB	✔	✔					✔	1MB/2MB	4/4	3/1	5/2	458CF110	$1,499
i486™DX/33	✔	8KB int./ 128KB ext.	4MB/ 64MB	340MB	✔	✔					✔	1MB/2MB	4/4	3/1	5/2	458CF210	$1,699
i486™DX2/66	✔	8KB int./ 128KB ext.	4MB/ 64MB	340MB	✔	✔					✔	1MB/2MB	4/4	3/1	5/2	458CF310	$1,999
i486™DX/33	✔	8KB int./ 128KB ext.	4MB/ 64MB	250MB	✔	✔	✔	✔	✔	✔	✔	1MB/2MB	4/3	3/1	5/1	458CF110MM	$2,199
i486™DX/33	✔	8KB int./ 128KB ext.	4MB/ 64MB	340MB	✔	✔	✔	✔	✔	✔	✔	1MB/2MB	4/3	3/1	5/1	458CF210MM	$2,399
i486™DX2/66	✔	8KB int./ 128KB ext.	4MB/ 64MB	340MB	✔	✔	✔	✔	✔	✔	✔	1MB/2MB	4/3	3/1	5/1	458CF310MM	$2,699

Black Monitors	Screen (Diagonal)	Actual Display Area	Dot Pitch	Maximum Non-Interlaced Resolution	Horizontal Scan Frequency	Vertical Scan Frequency	Frequency Bandwidth	Flat Screen	Digital Controls	Low Radiation	Item #	Your Price
Crutchfield DCM-1488B	14"	8¼" x 10½"	0.28	800 x 600	30-38 KHz	50-90 Hz	45 MHz				431CM1488B	$349.95
Crutchfield DCM-1458B	14"	8¼" x 10½"	0.28	1024 x 768	30-38 KHz	50-90 Hz	65 MHz				431CM1458B	$399.95
Crutchfield DCM-1588B	15"	8⅜" x 10¾"	0.28	1280 x 1024	30-65 KHz	50-100 Hz	100 MHz	✔	✔		431CM1588B	$499.95
Altima V-Scan 70	17"	9⅜" x 12⅝"	0.26	1280 x 1024	30-70 KHz	50-90 Hz	110 MHz	✔	✔	✔	425VSCAN70	$999.95

Multimedia Meets Its Match!

A powerful 486DX/33 processor helps our Crutchfield system deliver superb sound and full motion video. This elegant all-black package includes a double-speed CD-ROM drive, a 16-bit sound card, and a Sony 3-piece speaker system with a separate subwoofer. The black Epson Stylus 300 ink jet printer and Crutchfield 14" color monitor complete this matched set of high-end components. It's an unbeatable value, and its perfect for an individual or family, home office, or business. Expansion slots and an extra drive bay give the system room to grow. MPC level 2 compliance guarantees powerful performance with today's CD-ROM software...and tomorrow's.

Includes $700 worth of Software:

On CD-ROM:

• *Grolier's Encyclopedia* • *The Mayo Clinic Family Health Book* • *The San Diego Zoo Presents the Animals* • *Multimedia Mania* • *Kodak Photo CD Access Software*

On Floppy:

• *MS-DOS 6.2* • *Windows 3.1*
• *Spinnaker's PFS WindowWorks 2.0*
• *Crutchfield Exclusive Help Library*

Includes Accessory Kit

- 20 pre-formatted 1.44 MB 3½" floppy disks
- Diskette storage box (100-disk capacity)
- Printer cable
- 250 sheets of printer paper
- Mouse pad
- Monitor-mounted copy holder

Complete Package $2799 (Item #700MM1)

The Crutchfield Multimedia PC includes!

- **Intel 486DX/33 Processor**
- **250 MB Hard Drive**
- **4 MB RAM (expandable to 64 MB)**
- **Double-speed CD-ROM drive**
- **Local bus Windows accelerator card (true 24-bit color with 1 MB VRAM)**
- **Local bus drive controller**
- **Built-in math coprocessor**
- **4 available expansion slots**
- **1 available drive bay**
- **Dual floppy drives**
- **Ports: 2 Serial, 1 Parallel, 1 Game**
- **Microphone**

System Highlights

- **Crutchfield 486DX/33 Multimedia Computer–** With double-speed CD-ROM drive, MediaVision 16-bit sound card, 250 MB hard drive, 4 MB RAM. *Sold separately on p. 141 – $2199.*
- **Sony Stereo Speakers and Subwoofer System** – A 3-piece speaker system for brilliant, full-range reproduction of music, voices and sound effects. *Sold separately on p. 151 – $169.95*
- **Color Super VGA monitor** – .28 dot pitch for crisp, detailed images. *Sold separately on page 140 – $349.95*
- **Epson Stylus 300 ink jet printer** – Gives your print-outs more energy, more eye appeal. *Sold separately on page 149 – $259.95*
- **Unlimited Toll-free Technical Support and One-Year Warranty**

Upgrade To Our Multimedia Super System!

Crutchfield

Complete System with CD-ROM Drive, Speakers, Monitor, Printer, Software and Accessory Kit

$3199

Item #700MM2

Same package as above with faster processor, larger hard drive, and faster printer.

• **Intel 486DX2/66 processor** – The DX2/66 is about 70% faster than its 33MHz cousin. That's a big boost in power for a minimal investment. You'll zip through spreadsheet, word-processing, graphics, or CAD projects in record time! *Sold separately on page 141 – $2699.*

• **340 MB hard drive** – An extra 90 MB of disk space!

• **Canon BJ-200 Bubble Jet Printer** – The Canon BJ-200 (pictured) has more features and is over *twice* as fast as the Epson 300 described above. Its vertical design saves space on cramped desktops, and it prints so quietly you'll forget it's even there. *Sold separately on p. 149 – $289.95.*

Explore the On-line World with a Hayes Fax/Modem

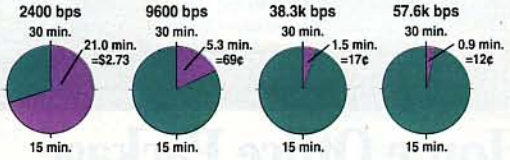
A World Leader

Hayes has developed and sold more modems and communications software than any other company in the world. The phrase "Hayes compatible" is even used by competing companies because the name is an industry standard. Hayes quality is unsurpassed. Its not unusual for a Hayes modem to make a connection where others fail. The difference is compatibility. The difference is Hayes! All products are backed by a 5-year warranty.

Give Your PC Communications Power

- On-line services and bulletin boards give you access to limitless amounts of information
- Sending and receiving data or faxing via your PC is so much faster and cheaper than overnight delivery. A modem lets you connect with other PCs to send and receive E-mail, do library research, or check out the world of electronic bulletin boards
- The faster the modem, the more money you save in toll charges
- Hayes includes a FREE trial membership with *Prodigy*!

A faster modem saves you money! The "bps" number indicates the maximum throughput of data. Savings are based on sending a 300K file (about 75 pages of text) at a long distance rate of 13¢ per minute.



Communications Made Easy: Hayes SmartCom Software

For simplified on-line communications, all Hayes modems include **SmartCom for Windows LE**. Developed by Hayes, it automatically configures your modem, sets the speed, and gets your PC communicating quickly. Repetitive tasks are automated to save time and money. The Windows interface is intuitively easy to use. Just click on the phone icon, enter a number, and SmartCom for Windows takes care of the rest. You decide if you want to receive data files to your hard drive or your printer. And SmartCom sends data files with the same icon-driven procedure. For models with faxing capability, Hayes also bundles in **SmartCom Fax for Windows**. It offers same easy-to-use interface for sending and receiving faxes.

Hayes Fax/Modems	Type	Fax Send/Receive (bps)	Modem Send/Receive (bps)	Fax Compression		Modem Data Compression			Modem Error Correction		Maximum Throughput (bps)	Item Number	List Price	Your Price
				V.29	V.17	V.22 bis	V.32	V.32 bis	MNP 2-5	V.42				
ACCURA	Internal		2400			✔					2400	4510801117	$79	$59.95
ACCURA	External		2400			✔					2400	4510801118	$89	$79.95
ACCURA	Internal	9600	9600	✔		✔	✔		✔	✔	38,400	4510801183	$239	$179.95
ACCURA	External	9600	9600	✔		✔	✔		✔	✔	38,400	4510801172	$269	$199.95
ACCURA	Internal	14,400	14,400	✔	✔	✔	✔	✔	✔	✔	57,600	4510801185	$269	$199.95
ACCURA	External	14,400	14,400	✔	✔	✔	✔	✔	✔	✔	57,600	4510801174	$299	$229.95
OPTIMA	Pocket	14,400	14,400	✔	✔	✔	✔	✔	✔	✔	57,600	4510801241	$399	$349.95
OPTIMA	PCMCIA	14,400	14,400	✔	✔	✔	✔	✔	✔	✔	57,600	4510801364	$399	$349.95

Suncom Joypad Value Pack

This complete game package includes everything you need to play exciting games as soon as you open the box. The Joypad Value Pack features the Command Control Joypad. It uses a thumb-controlled game pad instead of a joystick to control the action. Three exciting games are included: *Microprose Nighthawk F-117A Stealth Fighter*, *Duke Nukem*, and *Major Stryker*.

Item #452960405 ***YOUR PRICE: $49.95***

G-Force Flight Yoke *Get Ready for a Wild Ride!*

Fasten your seat belt! To score big in flight simulators and performance driving games you need the G-Force Competition Flight Yoke. It simulates the control yoke used in combat jets. Clamp it to your desktop and fire away with dual triggers in the grips. You'll feel like you're in the cockpit of an F-16 or on the the starting line of the Indy 500. Solid construction and precision feel puts you in control. With the G-Force Yoke in hand, the advantage is all yours!

Item #452960390 ***YOUR PRICE: $59.95***

The Hottest Simulation Software Available!

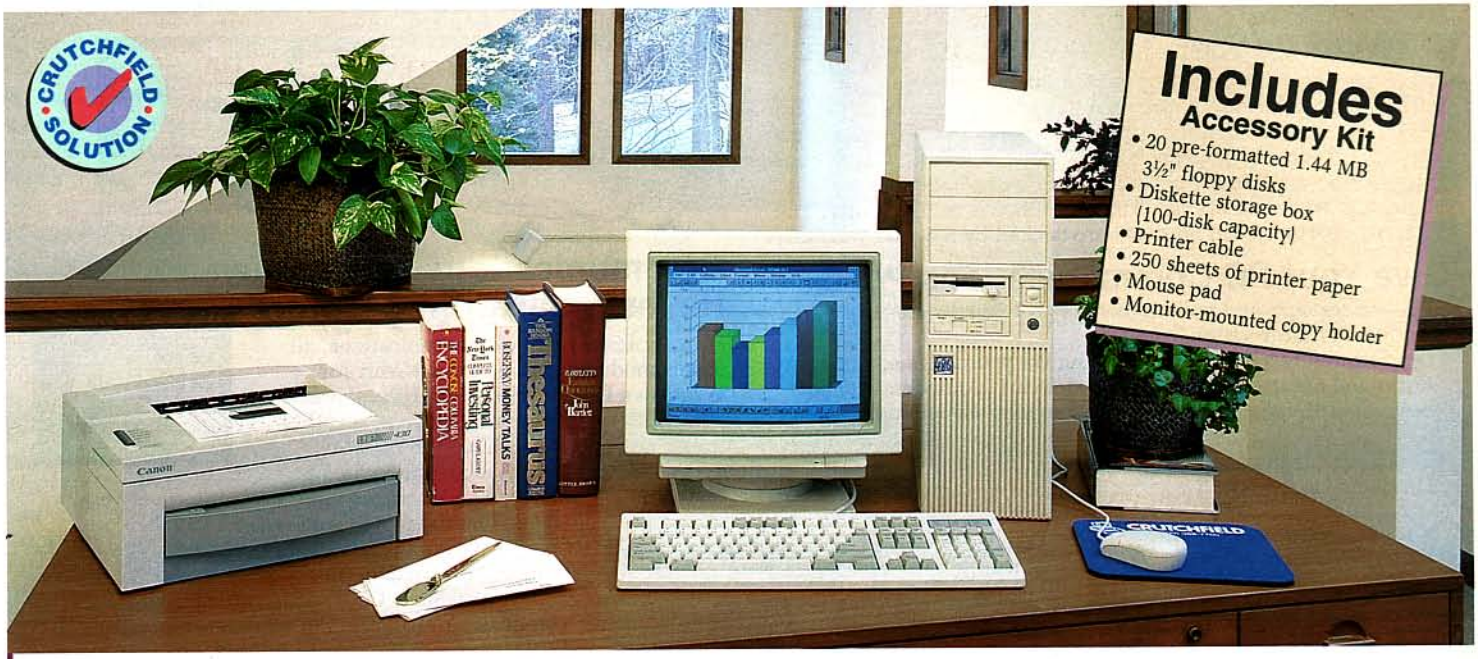
Microsoft Flight Simulator
Fly your choice of four aircraft. Both the instrument panel and ground are 3-D!
Item #45532858 ***$49.95***

Microprose World Circuit
Test your driving and racing skills on all 16 Grand Prix tracks!
Item #45598089 ***$39.95***

Origin's Wing Commander Academy
Futuristic 27th-century deep-space battle!
Item #45587735 ***$49.95***

Spectrum Holobyte's Falcon–Limited Edition
F-16 flight simulation at its best!
Item #45527260 ***$59.95***

Crutchfield Introduces A New Intel Mid-Tower Based Computer



Crutchfield's Home Office Package

No company has higher quality standards than Intel. That's why we chose them to build this system to our exacting specifications. It is powerful enough to be used as a network server, but our low price makes it suitable for home, home office, or business use. The system is powered by an i486™DX2, one of the most powerful microprocessors ever developed. And it is designed to be upgradeable to the Pentium™ microprocessor technology (when available). With a local bus graphics card and six available expansion slots, this machine will keep you on the cutting edge of technology for years! *Computer is sold separately on next page–$1949*

Canon LBP-430 Laser Printer Included!
Canon's laser printer features easy maintenance and full HP LaserJet IIIP compatibility. It comes with 1MB of memory and prints 4 pages per minute. *Sold separately on page 148–$659.95.*

Color Super VGA Monitor Included!
Crutchfield's 14" monitor has a .28 dot pitch for sharp definition and rich colors. *Sold separately on next page–$349.95*

- **Intel486™DX/2 66MHz processor**
- **Upgradeable to Pentium™ technology**
- **340 MB hard drive**
- **8 MB RAM (expandable to 128 MB)**
- **Cirrus local bus graphics accelerator card with 1MB VRAM (2 MB maximum)**
- **6 available drive bays**
- **6 available expansion slots (one local bus)**
- **1.44 MB 3½" floppy drive**
- **230-watt power supply**
- **Ports: 2 Serial, 1 parallel**
- **MS-DOS 6.2, Windows 3.1**
- **Unlimited toll-free technical support**
- **1 year warranty**

Mid-Tower Package
Complete Package with 14" Monitor, Software, Laser Printer and Accessory Kit
$2899
Item #700HOME1

Altima 17" Digitally Controlled Monitor

Microsoft PowerPoint
What You See Is What You Get
No more previewing!
Directly manipulate graphics, text, colors – even complete slides
altima

The Altima V-Scan 70 color monitor increases your viewing area by up to 40% over 14" monitors. Its built-in processor lets you digitally adjust the image for precise control. It supports up to 11 standard video modes and 9 custom modes for increased flexibility. Engineered to keep image distortion to a minimum, its flat screen eliminates the bowing or "doming" that distorts straight lines on curved screens. The tight .26 dot pitch gives you razor-sharp line definition and incredibly brilliant images. An ideal upgrade for Windows applications, especially desktop publishing. Well within Swedish MPR-II standards for radiation safety levels. Also available in black (pictured on page 140). Max. resolution: 1280x1024. Dim: 16"W x 16"H x 17¾"D. Warranty: 1 year.

Item #425VSCANWH ***YOUR PRICE: $999.95***

Microsoft Office

Your Ideas Never Had It So Good!

Your ideas will go to work fast with Microsoft Office, a family of four best-selling applications for Windows: *Word, Excel, PowerPoint,* and a network license for electronic mail. All menus, dialog boxes, and toolbars function identically, and eight of the nine top level menu commands are the same. Complete compatibility across all programs makes it easy to share data between word processor, spreadsheet, and presentation software. Microsoft's *IntelliSense* technology senses what you want and then produces the result you need. *AutoCorrect* independently corrects misspelled words and typos. *AutoFormat* logically formats your document in one easy step. *Tip Wizards* track your work and offer tips on ways to accomplish tasks more efficiently. *Cue Cards* provide context-sensitive help. And *Office Manager* gives you a toolbar that lets you switch between applications with just one mouse click.

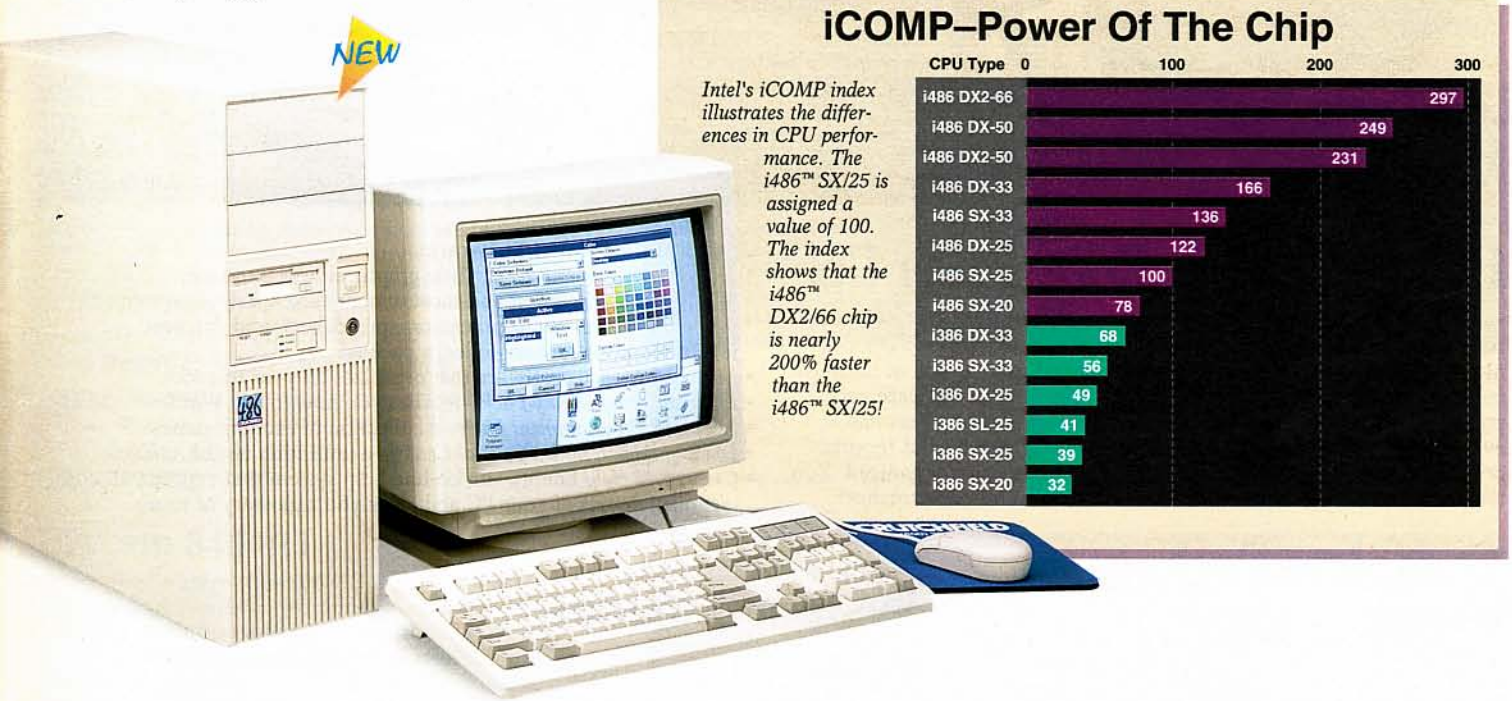
Please call for current availability and pricing. Microsoft Word 6.0, Excel 5.0, and PowerPoint 4.0 are also available separately.

Intel's Innovation–Nobody Does It Better

Intel was founded in 1968 with roughly 100 employees. Twenty five years later, there are 26,000 employees world-wide. Since its inception, the company has defined the very nature of digital electronics and played a critical role in the development of the PC.

Company founders Bob Noyce and Gordon Moore set out to create a whole new industry. And Intel succeeded by making semiconductor memory a reality. The company invented the world's first DRAM chip (1970) and EPROM chip (1971). It also invented the 4004 chip, the world's first general purpose microprocessor (1971). The 4004 had 2,300 transistors and packed as much computing power as the ENIAC, which filled an entire room when it was built in 1946. (By comparison, today's i486™ chip has 1.2 million transistors!)

In 1975, the company created the 8086 chip, followed a few years later by the 8088. IBM selected the 8088 for its first PC because Intel had the best-designed, most powerful chip. They still do. Intel has continued building its microprocessor family with unwavering precision and conviction, all the way up to the i486™DX2 and Pentium™ chips. Crutchfield carries the Intel-made Mid-Tower system because we know you want the best machines available. With a track record like Intel's, who could possibly be better qualified to assemble a computer for you?


NEW
iCOMP–Power Of The Chip
Intel's iCOMP index illustrates the differences in CPU performance. The i486™ SX/25 is assigned a value of 100. The index shows that the i486™ DX2/66 chip is nearly 200% faster than the i486™ SX/25!
CPU Type 0 100 200 300
i486 DX2-66 297
i486 DX-50 249
i486 DX2-50 231
i486 DX-33 166
i486 SX-33 136
i486 DX-25 122
i486 SX-25 100
i486 SX-20 78
i386 DX-33 68
i386 SX-33 56
i386 DX-25 49
i386 SL-25 41
i386 SX-25 39
i386 SX-20 32

The Intel486™ Crutchfield Mid-Tower

An Intel-made machine does not die a premature death from obsolescence. Of course, you want to buy a machine that will meet your needs today, but you also want it to handle a wide variety of tasks tomorrow. For example, you might get a new desktop publishing package or even a new operating system that requires more RAM and a larger hard drive. Or you might decide to install a CD-ROM drive and tape backup. Intel engineering gives you the power you need today. And with an eye on tomorrow, Intel makes sure that you will be able to expand your system to handle future needs. Even more important, when you buy an Intel-made machine, you are buying from a company with a very large stake in the development of computers. You can be sure that if it is manufactured by Intel, you own one of the finest machines in the world.

Crutchfield Mid-Tower i486™DX/33
- ***8MB RAM***
- ***210MB Hard Drive***

Item #28933210
$1599
Monitor Sold Separately

Crutchfield Mid-Tower i486™DX2/66
- ***8MB RAM***
- ***210MB Hard Drive***

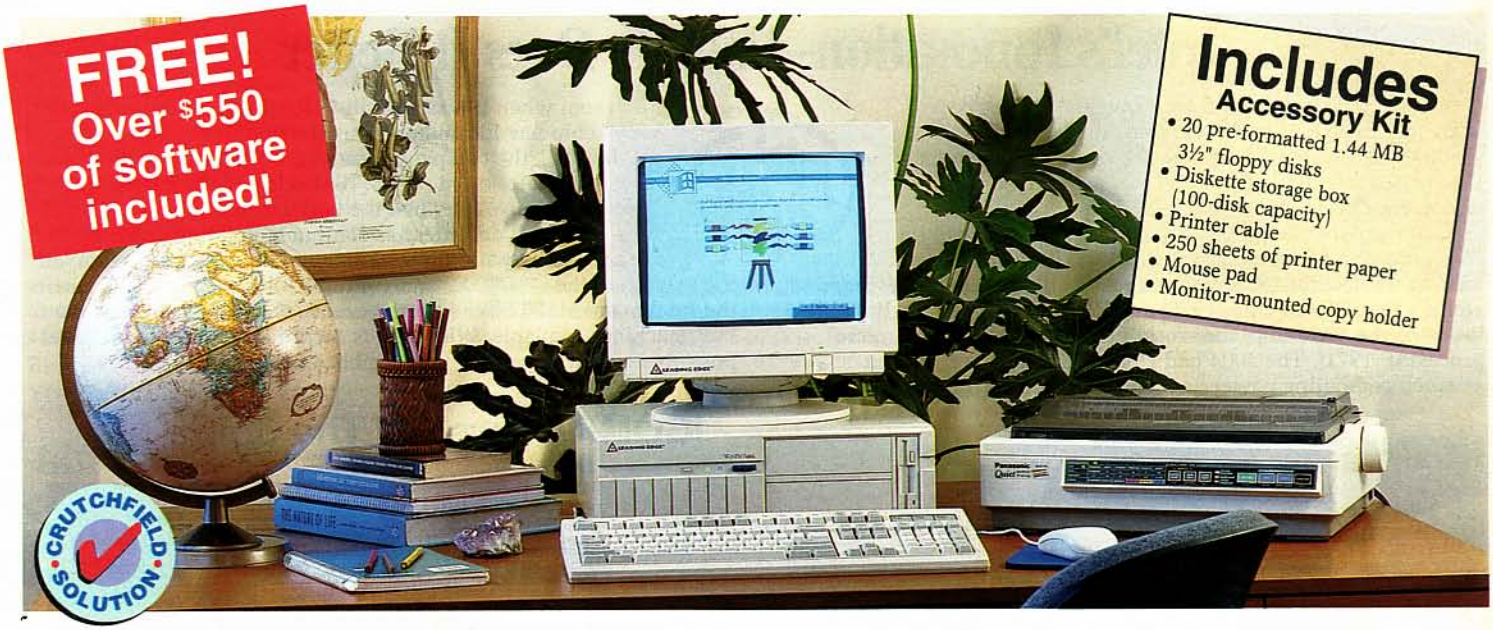
Item #28966210
$1799
Monitor Sold Separately

Crutchfield Mid-Tower i486™DX2/66
- ***8MB RAM***
- ***340MB Hard Drive***

Item #28966340
$1949
Monitor Sold Separately

Processor/Speed	Upgradeable to Pentium™ Technology	Cache	RAM Standard/Max.	Hard Drive	3.5" Floppy	5.25" Floppy	256 colors 1024 x 768 Resolution	Video RAM Standard/Max.	8-bit Slots Total/Available	16-bit Slots Total/Available	32-bit VLBus Slots Total/Available	Drive Bays Total/Available	Item #	Your Price
i486™DX/33	✔	8K int.	8MB/128MB	210 MB	✔		✔	1 MB/2 MB	2/2	4/3	2/1	8/6	28933210	$1,599
i486™DX2/66	✔	8K int.	8MB/128MB	210 MB	✔		✔	1 MB/2 MB	2/2	4/3	2/1	8/6	28966210	$1,799
i486™DX2/66	✔	8K int.	8MB/128MB	340 MB	✔		✔	1 MB/2 MB	2/2	4/3	2/1	8/6	28966340	$1,949

Monitors	Screen (Diag.)	Actual Display Area	Dot Pitch	Max. Non-Interlaced Resolution	Hor. Scan Frequency	Vert. Scan Frequency	Frequency Bandwidth	Flat Screen	Digital Controls	MRPII Low Radiation	Item #	Your Price
Crutchfield DCM-1488	14"	8¼" x 10½"	0.28	800 x 600	30-38 KHz	50-90 Hz	45 MHz				431CM1488	$349.95
Crutchfield DCM-1458	14"	8¼" x 10½"	0.28	1024 x 768	30-38 KHz	50-90 Hz	65 MHz				431CM1458	$399.95
Crutchfield DCM-1588	15"	8⅜" x 10¾"	0.28	1280 x 1024	30-65 KHz	50-100 Hz	100 MHz	✔	✔		431CM1588	$499.95
Altima V-Scan 70	17"	9⅜" x 12⅝"	0.26	1280 x 1024	30-70 KHz	50-90 Hz	110 MHz	✔	✔	✔	425VSCANWH	$999.95



High Value, Low Price. Power Up!

Get into gear fast with our Leading Edge system. This 486-powered package is ready to roll! It includes a printer and a Super VGA color monitor. And its capabilities can be expanded to help you accomplish more and more. A powerful collection of easy-to-use software gets you up and running the moment you power up! This system has everything you need to tackle big jobs—writing papers and reports, crunching numbers, generating charts, and just getting organized. You won't find a better combination of value, price, and performance!

Comes With $550 of Software:

- *Microsoft Windows 3.1*—the best graphical user interface.
- *MS-DOS 6.2*—the latest and most widely used operating system.
- *Microsoft Works*—word processor, spreadsheet, and database integrated into one easy-to-learn package.
- *Microsoft Money*—software that organizes all your finances.
- *Microsoft Productivity Pack*—teaches you how to use Windows quickly.
- *Microsoft Entertainment Pack*—a collection of exciting games.
- *Leading Edge Utilities/Control Center*—a collection of disk utilities.
- *Crutchfield Help Library*—an on-line help system that explains all of the technical details of your PC and gives you a glossary of terms.

Complete Package

$1299 (Item #700SYS1)

Our Leading Edge WinPro computer package leaves most starter systems in the dust!

- **Cyrix 486SLC/33MHz processor with socket for math coprocessor**
- **170 MB Hard Drive**
- **4 MB RAM (upgradeable to 16 MB)**
- **1 K internal cache**
- **6 expansion slots (five 16-bit; one 8-bit)**
- **4 drive bays (two 5¼"; two 3½")**
- **3½" floppy drive**
- **Ports: 1 parallel; 2 serial**
- **Lifetime toll-free technical support**
- **Warranty: 1 year on-site or 2-yr. return-to-depot**

System Includes

- **Leading Edge WinPro 486SLC/33 Computer System** – Twice as fast as 386SX/25 computers, yet costs the same. *Sold separately on next page–* **$799**
- **4 MB RAM** – The memory you need to run *Windows* efficiently; can be upgraded to 16 MB for advanced applications.
- **170 MB Hard Drive** – Plenty of storage space for software and files without worrying about running out of space.
- **Super VGA color monitor** – With today's software, a color monitor is a necessity. Our .39 dot pitch monitor gives you plenty of video power for *Windows* images. *Sold separately on next page–* **$249.95**
- **Panasonic KX-P2123 Dot Matrix Printer, Color Upgradeable**–This full-featured printer with 24-pin precision comes with 11 fonts. Gives you sharp text and graphics, and you can print in color with the optional color upgrade kit! *Sold separately on page 149–* **$249.95**

Package Upgrade Option!

Leading Edge Upgrade
WinPro 486SLC/33 With .28 Dot Pitch Monitor and Canon Bubble Jet Printer
$1499
Item #700SYS2

- **Larger Hard Drive** increases data storage to 213 MB.
- **Dual Floppy Drives** handle 3½" and 5¼"diskettes.
- **Leading Edge 14" monitor with .28 dot pitch.** This monitor gives you a sharper image with better line resolution and richer color saturation. (Dot pitch is a measure of the spacing between pixels, units of red, green and blue dots. The *smaller* the pitch, the *finer* the image.) Excellent for long study sessions and games with intense graphics. *Sold separately on next page–* **$299.95**
- **Canon BJ-200 Ink Jet Printer**. Canon's famous "bubble-jet" technology gives you laser-quality performance. True 360 dpi output and space-saving design. Features include: *Windows* TrueType font compatibility, 100-page sheet feeder, and Courier, Sans Serif, Roman, Script, and Orator typefaces. The BJ-200's professional-looking output is ideal for resumes. *Sold separately on page 149–* **$289.95**

Acer Desktop PCs

Acer desktop PCs are powerful, well-engineered, and affordable. Performance is enhanced with a VESA local bus for accelerated graphics. You also get 2 extra local bus slots for future expansion. And each Acer has a socket for an Intel OverDrive™ CPU, allowing you to increase processor performance by up to 70%. An extra drive bay lets you add a CD-ROM drive or extra hard drive. Three available expansion slots give you room for a sound card and other add-on cards. Acer PCs also let you increase RAM to a whopping 68 MB! An internal fax-modem (9600bps send/4800bps receive) is included. And you get the following Microsoft software: *MS-DOS 6.2*, *Windows 3.1*, *Works*, *Entertainment Pack*, and *Productivity Pack*, along with *Quicken for Windows*, America On-Line software, *Phoenix MicroFax*, and the *Crutchfield Help Library*. Acer Desktops give you great value at a super price!

Acer Desktop PC with Intel 486DX2/50

- **4 MB RAM**
- **340 MB Hard Drive**

Item #4486575

$1499

Monitor Sold Separately

Acer Desktop PC with Intel 486SX/33

- **4 MB RAM**
- **240 MB Hard Drive**

Item #4486265

$1199

Monitor Sold Separately

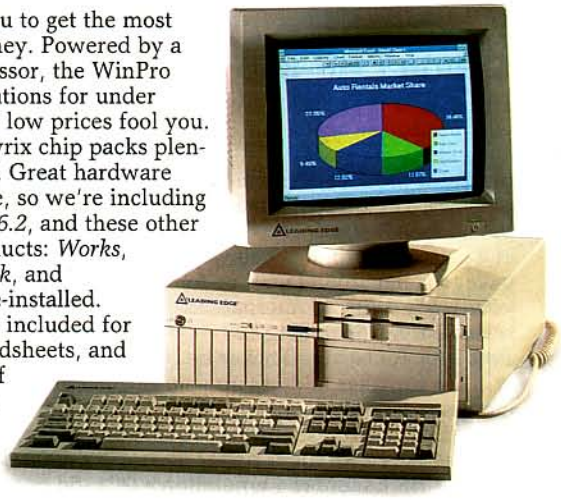
FEDERAL EXPRESS

Fast delivery available

The "Out of Box" Experience

Take a computer out of its box, plug it in, and start using it. The new industry term for this is "usability." High usability minimizes your learning curve. Our systems are highly usable because they let you focus on getting things done as soon as you power up. Why waste time wrestling with your computer. Get the "out of box" experience with high usability computers from Crutchfield.

Leading Edge WinPro 486SLC



Leading Edge wants you to get the most computer for your money. Powered by a Cyrix 486SLC/33 processor, the WinPro comes in two configurations for under $1000. But don't let the low prices fool you. The 33MHz 486SLC Cyrix chip packs plenty of processing power. Great hardware deserves great software, so we're including *Windows 3.1*, *MS-DOS 6.2*, and these other popular Microsoft products: *Works*, *Money*, *Productivity Pack*, and *Entertainment Pack*, pre-installed. Everything you need is included for word-processing, spreadsheets, and presentations. Plenty of expansion slots and an extra drive bay make expanding easy, and you can boost system memory to 16 MB. Get a great combination of features, performance, and price.

Leading Edge PC with Cyrix 486SLC/33

- **4 MB RAM**
- **213 MB Hard Drive**
- **Dual Floppy Drives**

Item #430WIN7264

$899

Monitor Sold Separately

Leading Edge PC with Cyrix 486SLC/33

- **4 MB RAM**
- **170 MB Hard Drive**
- **3½" Floppy Drive**

Item #430WIN7154

$799

Monitor Sold Separately

Leading Edge & Acer Computers Processor/Speed	Upgradeable to Pentium™ Technology	Cache	RAM Standard/Max.	Hard Drive	3.5" Floppy	5.25" Floppy	Number of Colors 1024 x 768 Resolution	Video RAM Standard/Max.	8-bit Slots Total/Available	16-bit Slots Total/Available	32-bit VLBus Slots Total/Available	Drive Bays Total/Available	Fax/Modem	Item #	Your Price
L.E. Cyrix 486SLC/33		1KB int.	4MB/16MB	170MB	✔		16	512KB/1MB	1/1	5/3	0/0	4/2		430WIN7154	$799
L. E. Cyrix 486SLC/33		1KB int	4MB/16MB	213MB	✔	✔	16	512KB/1MB	1/1	5/3	0/0	4/1		430WIN7264	$899
Acer i486™SX/33	✔	8KB int	4MB/68MB	240MB	✔	✔	256	1MB/1MB	0/0	2/1	2/2	4/1	✔	4486265	$1,199
Acer i486™DX2/50	✔	8KB int.	4MB/68MB	340MB	✔	✔	256	1MB/1MB	0/0	2/1	2/2	4/1	✔	4486575	$1,499

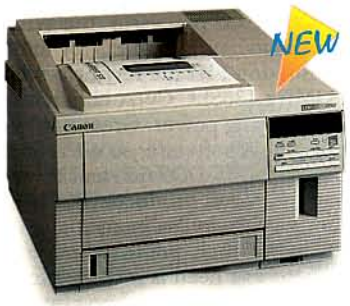
Monitors	Screen (Diag.)	Actual Display Area	Dot Pitch	Max. Non-Interlaced Resolution	Horizontal Scan Frequency	Vertical Scan Frequency	Frequency Bandwidth	Flat Screen	Digital Controls	Low Radiation	Item #	Your Price
Leading Edge CMON39ADV	14"	7¾" x 9⅝"	0.39	800 x 600	31.5-35.5 KHz	50-90 Hz	40 MHz				430CM39ADV	$249.95
Leading Edge CMON28AD	14"	7¾" x 9⅝"	0.28	800 x 600	31.5-35.5 KHz	50-90 Hz	40 MHz				430CMON28A	$299.95
Leading Edge CMON28N	14"	7¾" x 9⅝"	0.28	1024 x 768	31.5-58 KHz	50-90 Hz	70 MHz				430CMON28N	$349.95
Leading Edge CMON1528V	15"	8⅛" x 10⅛"	0.28	1024 x 768	31.5-58 KHz	47-100 Hz	75 MHz	✔		✔	430CM1528V	$499.95
Leading Edge CMON1726V	17"	9½" x 10⅞"	0.26	1280 x 1024	31.5-65 KHz	50-90 Hz	110 MHz	✔	✔		430CM1726V	$899.95
Acer AV34T	14"	8⅜" x 10¾"	0.28	1024 x 768	31.5-48.36 KHz Autosync	50-90 Hz Autosync	65 MHz				448AV34T	$349.95
Acer AV56L	15"	8⅜" x 10¾"	0.28	1024 x 768	50-90 KHz Autosync	50-90 Hz Autosync	80 MHz	✔	✔	✔	448AV56L	$499.95
Acer AV76I	17"	9⅝" x 12"	0.28	1280 x 1024	50-90 KHz Autosync	50-90 Hz Autosync	110 MHz	✔	✔	✔	448AV76I	$899.95

FOCUS The Canon Story

Most people associate Canon with superior cameras and office copiers, but the company's reach extends far beyond this into many areas of high technology. Canon's corporate mission is defined by the Japanese word *kyosei*. It means "living and working together for the common good." Since its founding in 1938, the company has been at the cutting edge of image and information processing. And it has linked this with efforts to benefit society by creating technologies that help people communicate. For example, did you know that 75% of the world's laser printers rely on Canon technology for their print engines? Also, many companies use Canon's now famous "bubble jet" technology in their ink jet printers.

Canon is committed to driving technology forward, but not at the expense of the environment. The company's laser printer Cartridge Recycling Program helps remove toxic by-products from the environment. And their bubble jet printers use non-toxic, non-polluting inks. For all of these reasons, Crutchfield proudly stands behind Canon quality.

Canon LBP-860



This printer is perfect for anyone who needs true typeset quality documents. Its powerful RISC processor produces camera-ready graphics. The quality is matched by the speed: 600 dpi resolution at 8 pages per minute. You won't have to stand around waiting for your work. With 45 internal scalable fonts (including 10 TrueType fonts) you'll never be at a loss for ways to dress up your documents. An optional paper tray increases capacity to 850 pages and 75 envelopes. Upgradeable to AppleTalk. Features: **• RISC processor • 600 dpi output • 8 pages per minute • 250-sheet paper cassette • 4000 page toner cartridge • HP LaserJet 4 emulation • PCL-5e compatible • 45 internal scalable fonts .** Cable required. Dim.: 17"W x 12"H x 16"D. Warranty: 2 years. Uses standard SIMMS for upgrading memory from 2 MB to 34 MB. Please call for accessory and upgrade options.

Item #271LBP860 ***YOUR PRICE: $1399.95***

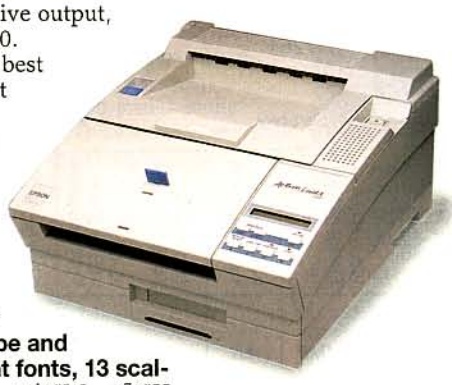
Canon LBP-430

This printer gives you professional-looking output at a superb price/performance ratio. Auto Image Refinement and super-fine toner give you resolution that rivals 600 dpi printers. Printer is configured with software so there is no complicated front panel LCD. And there's no "on-off" switch—you just plug the printer in and it's ready to go. Energy-efficient design uses less than 5 watts during "sleep mode," making it EPA "Energy Star Compliant." Features: **• 100-sheet paper cassette • 3000 page toner cartridge • PCL-5 compatible • 22 internal fonts, 8 scalable** Cable required. Dim.: 14½"W x 6⅛"H x 14⅞"D. Warranty: 2 years.

Item #271LBP430 ***YOUR PRICE: $629.95***

Accessories:	Replacement Imaging Cartridge	Item #2712003150	$69.95
	Universal Paper Cassette	Item #271004000	$29.95
	1MB Memory Upgrade Kit	Item #2713009001	$159.95
	4MB Memory Upgrade Kit	Item #2713017001	$349.95

Epson ActionLaser 1500



For high quality, cost-effective output, choose the ActionLaser 1500. *PC/Computing* named it the best laser printer of the dozens it tested for its "Best 200 PC Products" list. Super-sharp 300 dpi output and one of the lowest priced high resolution printers. Features: **• 150-sheet paper tray handles legal size and envelopes • RITech print technology for professional quality type and sharp images • 14 resident fonts, 13 scalable.** Cable required. Dim.: 14½"W x 8⅞"H x 18"D. Warranty: 2 years.

Item #278C108101 List Price: $899 ***YOUR PRICE: $699.95***

Accessories:	Replacement Imaging Cartridge	Item #2785S05101	$159.95
	Adobe PostScript Upgrade Card	Item #278C826051	$499.95
	2MB Memory Upgrade Kit	Item #2782MBMEM	$179.95
	250-Sheet Paper Tray	Item #278C812301	$199.95

Panasonic KX-P4410

Panasonic brings the cost of laser printing down to earth. The KX-P4410 produces your documents at up to 5 pages per minute in near silence. All controls are easily accessible from the front panel, and its 16-character LCD panel is extra-long for clearly explained messages. Features: **• HP LaserJet IIP emulation • 300 dpi resolution • 512K buffer (upgradeable to 4.5 MB) • 28 resident fonts (14 portrait, 14 landscape) • 1 cartridge slot for additional fonts • 200-sheet paper cassette.** Cable required. Dim: 14⅝"W x 9¼"H x 15½"D. Warranty: 1 year.

Item #133KXP4410 List Price: $1095 ***YOUR PRICE: $599.95***

Accessories:	Replacement Toner Cartridge	Item #133KXP453	$49.95
	1MB Memory Upgrade Kit	Item #133KXP444	$249.95

Laser Printers	Pages Per Minute	Res. (dpi)	RAM Standard/Max.	Paper Tray Capacity	Envelope Handling	HP Emulation	Resolution Enhancement	PostScript Upgradeable	Toner Cartridge Life	Item #	Your Price
Panasonic KX-P4410	4	300	512KB/4.5MB	200 sheets	✔	LaserJet IIP			3000 pgs.	133KXP4410	$599.95
Canon LBP-430	6	300	1MB/5MB	100 sheets	✔	LaserJet IIIP	Auto Image Refinement		3000 pgs.	271LBP430	$629.95
Epson ActionLaser 1500	6	300	1MB/5MB	150 sheets	✔	LaserJet III	RITech	✔	6000 pgs.	278C108101	$699.95
Canon LBP-860	8	600	2MB/34MB	250 sheets	✔	LaserJet 4	Auto Image Refinement	✔	4000 pgs.	271LBP860	$1399.95

Canon BJC-600 *Bubble Jet Color Printer*

Until recently, if you wanted high-quality color output you had to spend thousands of dollars. Not anymore! Canon's BJC-600 gives you great color for text, graphics, color transparencies, and even photographs. Vivid 360 dpi color gives any document a true professional look. With a cost as low as 11¢ per page, it's a fraction of the competition's price. Plus, the BJC-600 uses plain bond paper! New, super-fast drying, non-toxic inks eliminate smearing or bleeding of colors. Four separate ink cartridges handle the three primary colors and true black, so when you run out of a color you only replace one cartridge at a time. (Some printers incorporate all four colors into one cartridge so you have to throw away colors before they are used up.) And the true black cartridge gives you laser-quality text. (Some printers mix the three primaries to merely approximate "black.") Features: **• each cartridge prints 210 pages of full color, or 350 pages of text • 4 times the number of color nozzles for the highest color definition in its class • true 24-bit color gives you access to 16.7 million colors • on-line tutorial and help system displays on your monitor • 100-page sheet feeder • 20 built-in fonts • HP LaserJet IIP emulation.** Dim: 13¾"W x 6¾"H x 7½"D. Warr: 2 years.

Item #271BJC600 List Price: $719 ***YOUR PRICE: $599.95***

A complete line of BJC-600 accessories is available from Crutchfield! Please call for details.

Canon BJ-230 • BJ-200 *Bubble Jet Printers*

The BJ-230 wide-format ink jet printer uses Canon's famous bubble-jet technology for laser-quality performance. Particularly well-suited for students, engineers, and accountants, it handles paper up to 17" long so you can get an entire spreadsheet or tabloid-size printout on one piece of paper. It also handles regular letter-size documents. Its compact size is great for the home, small business, or home office. Bi-directional printing speeds output. The standard-format BJ-200, uses the same technology as the BJ-230. *PC* Magazine (Nov. 23, 1993) reviewed both the BJ-200 and BJ-230 and had this to say: "Canon's bubble jet technology results in extremely high-quality text, with excellent control over character formation in the default high-quality mode." The same magazine gave both printers an "Editors' Choice" award for having the best combination of "high speeds, low prices and operating costs, superb print quality...." Features: **• 100-page sheet feeder (holds 10 envelopes) • Courier, Sans Serif, Roman, Script, and Orator typefaces • Epson LQ and IBM X24E emulation.** Cable required. Dim: (BJ-230) 17"W x 8"H x 8¼"D; (BJ-200) 13¾"W x 6⅞"H x 7⅝"D. Warr: 2 years. *BJ-230 is pictured.*

BJ-230 Wide Format Item #271BJ230 List: $549 ***YOUR PRICE: $399.95***

BJ-200 Standard Format Item #270BJ200 List: $449 ***NEW LOW PRICE: $289.95***

Accessories: Replacement Ink Cartridge Item #270BC02 $29.95

Panasonic KX-P2123 *24-Pin Printer Color Upgradeable!*

Panasonic's full-featured KX-P2123 offers 24-pin precision and quieter printing at a peaceful 43.5 dB. You'll enjoy sharp text and graphics, with: **• 3 draft, 6 letter-quality and 2 super letter-quality fonts • single-sheet feed and tractor feed from top, bottom, and rear • 10-position adjustable pitch (5-20 cpi) • color printing with optional color kit • Epson LQ-850/LQ-860 and IBM Proprinter X24E emulation • parallel interface.** Cable required. Dim.: 18⅛"W x 5¾"H x 14¼"D. Warr: 2 years.

Item #133KXP2123 List Price: $420 ***YOUR PRICE: $249.95***

Accessories:			
	Replacement Black Ribbon	Item #133KXP150	$12.95
	Color Ribbon	Item #133KXP150C	$24.95
	Color Upgrade Kit	Item #133KXPCK11	$59.95

Epson Stylus 300 *Ink Jet Printer*

This printer looks like it means business but it's priced for the home! It gives you sharp 360 dpi ink jet output and prints from any Windows application. You get professional-looking documents with both text and graphics. Handles both paper and envelopes and prints 3 pages per minute of full text. **• 6 fonts including 4 scalable up to 32 points • 100-sheet paper tray • manual feed handles envelopes and sheet labels • Epson ESC/P 2™ emulation.** Cable required. Dimensions: 20½"W x 13½"H x 8½"D. Warranty: 2 years.

Item #278C122001 List Price: $349 ***YOUR PRICE: $259.95***

Accessories: Replacement Ink Cartridge Item #278S020031 $24.95

Ink Jet/ Impact Printers	Print Head	Color	Draft Speed (cps)	Letter Quality Speed (cps)	Noise Level	Resolution (dpi)	Buffer Memory	Average Ribbon/ Cartridge Life	Item #	Your Price
Panasonic KX-P2123	24-pin dot matrix	optional 7 colors	160	53	43.5 dB	300	14KB	1000 pgs.	133KXP2123	$249.95
Epson Stylus 300	ink jet	–	n/a	110	45 dB	360	24KB	300 pgs.	278C122001	$259.95
Canon BJ-200	64-nozzle bubble jet	–	248	173	42 dB	360	49 KB	466 pgs.	270BJ200	$289.95
Canon BJ-230	64-nozzle bubble jet	–	248	173	42 dB	360	41.2 KB	466 pgs.	271BJ230	$399.95
Canon BJC-600	256-nozzle bubble jet	16.7 million	240	170	45 dB	360	60 KB	350 pgs.	271BJC600	$599.95

Edutainment CD-16 Multimedia Upgrade Kit *by Creative Labs*

NEW

CD-Quality Sound & Full-Motion Video!

This multimedia kit brings the power of full-motion video and stereo sound to your computer! The brilliant sound and fluid video motion of the Edutainment CD-16 turns your PC into a digital entertainment and educational center. The kit includes an internal double-speed CD-ROM drive (multi-session Photo-CD compatible) and Labtec stereo speakers. Its Sound Blaster sound card reproduces wave files with impressive clarity, and it replays MIDI files with a built-in Yamaha FM music synthesizer. Interfaces include stereo line-in and CD audio, a MIDI interface, and standard PC port. It also features a built-in 4 watt per channel amplifier and built-in mixer, plus lots of free multimedia software (see box). Warranty: 1 year.

Item #45526455 List Price: $750 ***YOUR PRICE: $599.95***

Free Multimedia Software Included!

- *The Software Toolworks Multimedia Encyclopedia*
- *Aldus PhotoStyler SE*–color image-processing
- *Sherlock Holmes, Consulting Detective*–interactive game
- *Lemmings*–mind-boggling wacky rodent game
- *Secrets of the Luftwaffe*–WWII air combat simulation
- *Loom*–"save the universe" fantasy adventure
- *The Secret of Monkey Island*–adventure game with reggae music
- *Indianapolis 500, The Simulation*–drive with 32 of world's best
- *Creative WaveStudio, Soundo'LE, Talking Scheduler,* and *Mosaic*
- *Monologue for Windows*

MultiSound Monterey *by Turtle Beach*

Audiophile-Quality Recording & Playback!

NEW

Advanced technology puts the Monterey sound card in a class by itself. The real key to the astonishing sound quality of this 16-bit card is Turtle Beach's new SampleStore™ technology. It allows you to take a .WAV file and *use it as a MIDI instrument*. Be as creative as you want without depending on factory-supplied instrument sounds! There's also 256K of RAM for new samples (user-upgradeable to 4 MB). While most cards imitate MIDI instruments based on 2 or 4 simple sine waves, the Monterey has 4MB of professional 16-bit samples from 126 *real* instruments stored in ROM. When you play a MIDI file, these real digital samples are strung together to create totally convincing sound reproductions. And when you connect a MIDI keyboard, you can harness that realism for your performances. The Monterey circuitry provides 64-times oversampling at up to 44.1 kHz, for recording accuracy that *exceeds* CD-quality. And while most sound cards require that you record to RAM, the Monterey records directly to your hard drive so you have much more recording time—create, edit, and mix tracks several minutes long!

Playing and recording 16-bit audio requires moving massive amounts of data quickly. If data transfer is too slow, the multimedia gets choppy and falls apart. The Monterey speeds audio throughput while minimizing CPU usage, so your processor can handle data-heavy graphics for ultra-smooth multimedia. Warranty: 1 year.

Item #444MONT List Price: $599 ***NEW LOW PRICE: $399.95***

Turtle Beach Software for Windows (works with any sound card)

Wave for Windows Item #444WAVE List: $149 ***YOUR PRICE: $49.95***

Turtle Tools Item #444TTOOLS List: $149 ***YOUR PRICE: $49.95***

Sound Blaster 16 *by Creative Labs*

The high-powered Sound Blaster 16 adds compelling sound effects to your computer and lets you record, digitally mix, edit, and play back CD-quality sound. The on-board synthesizer produces up to 20 simultaneous instruments in stereo. You can do professional-style sound editing, including mixing multiple recording sources, echoes, fade-ins, and fade-outs in the music. Add a microphone and you can convert voices or sounds into digital files for editing and playback. You can even connect the Sound Blaster 16 to a MIDI piano keyboard and use your PC as a musical instrument! Sampling rate: 4kHz to 44.1 kHz. Includes free multimedia software! Warranty: 1 year.

Item #45555439 List Price: $349 ***YOUR PRICE: $199.95***

Labtec Deluxe Computer Microphone Item #461AM22 ***$19.95***

Maui Wavetable Synthesizer Upgrade Card *by Turtle Beach*

NEW

Breathe new life into your sound card! Music sounds like the real thing with the Maui 16-bit synthesizer board. Easy to install and designed to fit right beside your current sound board, it gives you 128 General MIDI instruments. Your MIDI music will sound totally convincing. On-board memory allows you to take any recording and play it back. You can use .WAV files recorded with your sound card or use pre-existing files. Older-style frequency modulation (FM) synthesizers use one simple audio building block to make every conceivable sound. Maui's wavetable synthesizer technology adds 24 voices of CD-quality digital recordings. This is a synthesizer board for sound connoisseurs. Warranty: 1 year

Item #444MAUI List Price: $199 ***YOUR PRICE: $179.95***

NEW

Windows Sound System 2.0 *by Microsoft*

Hear spreadsheet numbers read back to you, add voice and sound annotations to your presentations, even execute commands simply by speaking to your computer! With this audio software and hardware package designed for Windows 3.1, your sound possibilities are endless. It features a 16-bit audio board, a high-quality directional microphone for voice recognition, and on-screen volume control. Sound System 2.0 gives you hands-free recording for audio memos and a "switch to" command to launch Windows applications by voice. Proofreads numbers and selected words aloud. Headphones included.

With 16-bit sound card, microphone and software:

Item #45550142 List Price: $219 ***YOUR PRICE: $159.95***

Software and Microphone only: *Works with Sound Blaster, MultiSound, Pro Audio Spectrum and other Windows sound boards.*

Item #45549516 List Price: $79 ***YOUR PRICE: $59.95***

Multimedia Speakers: Desktop Headphones

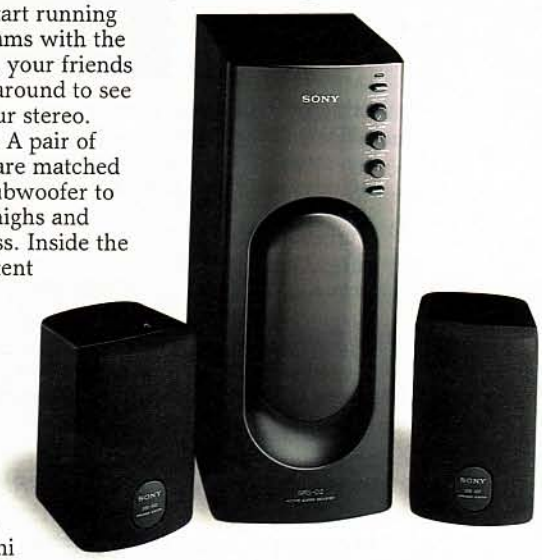
Good speakers breathe life into the music, narratives and sound effects of CD-ROM software. Sound has gone well beyond the beeps, squawks and cheesy music of computer games. So you should look for multimedia speakers with the same qualities you look for in home stereo: clear separation, wide frequency response, and deep bass. Because you'll be sitting so close to the speakers, you'll find that the sound of multimedia speakers is focused and immediate, like headphones.

Altec Lansing ACS300 *Powered Speaker System*

Enjoy big multimedia sound and impressive bass without crowding your desk space! The unique "clam shell" satellite speakers have 9 watts of power (each) and deliver more sonic realism and clarity than we've ever heard from a desktop system. The subwoofer adds authority with 18 watts of power and bass response all the way down to 35 Hz. You can mount the satellite speakers either to the wall or the PC so they're out of your way while you work. Or leave them on your desk and fold them away when you don't need them. Since bass is non-directional, you can put the subwoofer anywhere–under your desk or on a bookshelf–without sacrificing sound quality. Frequency response is 35-20,000 Hz. Dimensions: (satellites) 3½"H x 5"W x 7"D; (subwoofer) 7"H x 5½"W x 10½"D. Warranty: 1 year.

Item #199ACS300 List Price: $400 ***YOUR PRICE: $349.95 system***

Sony D2K *Powered Speaker System*



The minute you start running multimedia programs with the Sony D2K system, your friends will start looking around to see where you hid your stereo. They're *that* good. A pair of satellite speakers are matched with a booming subwoofer to provide accurate highs and deep, resonant bass. Inside the subwoofer is a potent amplifier that boosts the power to 20 watts. That power, coupled with a frequency response of 60-20,000 Hz, gives you a sound system that equals and even surpasses some of our mini component stereo systems. Dimensions: (satellites) 5¾"H x 3⅞"W x 5"D; (subwoofer) 14"H x 5¾"W x 9⅛"D. Warranty: 1 year.

Item #158SRSD2K List Price: $200 ***YOUR PRICE: $169.95 system***

Yamaha YST-M10 *Powered Speakers*

NEW

Ideal for multimedia, the YST-M10 speakers deliver big sound. Yamaha's Active Servo Technology reduces distortion by tightly controlling the 3½" speaker cone. The sound is crisp and detailed. A port in the enclosure acts like a super air woofer, blasting the internal air pressure out as deep, clear bass! The built-in amp provides 10 watts per channel. AC Adapter included. Frequency response 80-20,000 Hz. Dimensions: 8¾"H x 3⅞"W x 6⅜"D. Warranty: 1 year.

Black Item #022YSTM10B
Gray Item #022YSTM10H
List Price: $150 ***YOUR PRICE: $99.95 pair***

Sony SRS-58 • SRS-88 *Powered Speakers*

SRS-88

The renowned quality of Sony audio comes through with these multimedia speakers. Self-powered units connect to your sound card so you can enjoy the digital-quality audio that gives multimedia its punch. Built-in 3-watts/channel amplifier and 100-20,000 Hz frequency response. All cables necessary for hookup are included. Dimensions: 7⅛"H x 3"W x 5¼"D. Warranty: 1 year.

Black Item #158SRS58
Gray Item #158SRS58PC
List Price: $130
YOUR PRICE: $99.95 pair

*For an even higher level of performance, the **SRS-88** deepens the bass response to 60 Hz and raises the power to 8 watts/channel. Dimensions: 9⅜"H x 4"W x 5"D.*

Black Item #158SRS88
Gray Item #158SRS88PC
List Price: $200 ***YOUR PRICE: $149.95 pair***

Labtec CS-800 *Powered Speakers*

These affordable speakers plug directly into your sound card and give your PC the excitement of multimedia sound at a very affordable price. With a pair of Labtecs, multimedia programs will make your PC more alive, more informative, and more educational. Powered by the built-in 5-watt amplifier, frequency response is 100-15,000 Hz. Bass and treble controls on the front panel let you adjust the sound quality. AC adapter included. Dimensions: 7½"H x 4⅜"W x 5"D. Warranty: 1 year.

Item #461CS800 ***YOUR PRICE: $49.95 pair***

FEDERAL EXPRESS **Fast delivery available**

CONSUMER TIP

Why Buy Power Protection?

Because electrical power is unreliable. Utility companies simply cannot provide the clean, consistent power required by sensitive computers. An IBM study showed that a typical system experiences more than 120 power problems per month! Some problems are imperceptible, others are catastrophic. They include: • *Brownouts*–temporary voltage dips that can cause system failures and data loss • *Blackouts*–complete losses of power that can cause unsaved data to be lost • *Surges*–short-lived voltage increases that stress electrical circuits and cause premature failure • *Spikes*–massive voltage increases that are capable of destroying your entire system • *Noise*–electromagnetic interference (EMI) and radio frequency interference (RFI) that can cause intermittent errors in executable programs and data files.

Fortunately, three levels of protection are available:
(1) A **surge suppressor** protects your hardware by acting as a high-tech fuse to stop a spike before it reaches your computer.
(2) A **line conditioner** protects hardware *and* data against brownouts and surges only. It also filters out EMI and RFI by constantly correcting power transients. Buying power protection is like buying insurance. You don't appreciate it until you really need it.
(3) An **uninterruptible power supply** (UPS) protects *both* your hardware and your data. It contains an emergency battery that provides instant power if you experience a blackout, giving you time to save your work. A UPS also eliminates surges and spikes, and maintains even power during brownouts.

Panamax Surge Suppressors

These suppressors come with a $5,000,000 insurance policy. Lifetime warranty.

COAXMAX2 has two AC outlets, in/out "F" connectors for 75 ohm coaxial cable. For TV, cable converter box, VCR, stereo receiver and tuner. Wall mount. (Not for satellite dish systems.)
Item #299COAX2
List Price: $89
YOUR PRICE: $59.95

FAXMAX2 has two AC outlets, in/out phone jack receptacles (RJ-45 8-wire and RJ-11 4-wire compatible). For telephone & answering machine, modem, fax machine. Wall mount.
Item #299FAXMAX2
List Price $79
YOUR PRICE: $59.95

MAX2 has two AC outlets and noise protection. For stereo and video equipment, and TV. Wall mount.
Item #299MAX2
List Price: $59
YOUR PRICE: $49.95

COAXMAX6 has six AC outlets, 6' line cord, on/off switch, circuit breaker, noise protection, in/out "F" connectors for coaxial cable protection. For TV, cable converter box, VCR, FM receiver and tuner. (Not for satellite dish systems.)
Item #299COAX6
List Price: $129
YOUR PRICE: $89.95

SUPERMAX has four outlets, 6' line cord, on/off switch, circuit breaker, *brown out protection w/reset button,* noise protection, and in/out phone jack receptacles For computer systems.
Item #299SUPMAX
List Price: $149
YOUR PRICE: $99.95

MAX6 has six AC outlets, 6' line cord, on/off switch, circuit breaker and noise protection. For stereo and video equipment, and TV.
Item #299MAX6
List Price: $79
YOUR PRICE: $69.95

Uninterruptible Power Supplies *by APC*

Uninterruptible power supplies by American Power Conversion provide instant battery power so you can exit your software normally and avoid data loss. Surge suppression, EMI/RFI noise filtering, power-loss and low-battery alarms are included. Insurance covers equipment damaged by an AC surge or lightning strike up to $25,000. The 2-outlet **Model 250** provides 15 minutes of emergency power for a 386SX. The **Model 400** increases the shut down time for a 486 system or server to 19 minutes. It also includes a port for LAN systems and a test switch. The **Model 600** has 4 outlets and gives you 28-minutes for backup. It is suitable for heavily configured systems such as a fully-loaded multimedia set-up, and CAD/CAM. *Not recommended for laser printers.*

Model 250

Model 400

Model 600

Dimensions: (250 & 400) 3⅜"W x 6"H x 13⅛"D; (600) 4¾"W x 6⅝"H x14¼"D. Warranty: 2 yrs.

Model 250 Item #401AP250 List Price: $139 ***YOUR PRICE: $119.95***
Model 400 Item #401AP400 List Price: $229 ***YOUR PRICE: $189.95***
Model 600 Item #401AP600 List Price: $399 ***YOUR PRICE: $299.95***

SurgeArrest *by APC*

American Power Conversion provides you with affordable protection against surges and spikes. You get seven outlets, EMI/RFI noise filtering, and a master on/off switch. Separate LEDs indicate faulty outlet wiring and confirm that protection circuitry is functioning. Each SurgeArrest includes insurance coverage on all equipment protected by the device. Dimensions: 4¼"W x 2"H x 10½"D. Warranty: Lifetime.

SurgeArrest *($2,500 equipment protection)*
Item #401S7 List: $30 ***YOUR PRICE: $24.95***

SurgeArrest PLUS *doubles the surge suppression capacity with advanced RFI and EMI noise filtering, and increases equipment protection to $25,000.*
Item #401S7P List: $60 ***YOUR PRICE: $39.95***

SurgeArrest PLUS with Tel *adds a surge filtered RJ-11 phone jack. $25,000 protection*
Item #401S7T List: $100 ***YOUR PRICE: $59.95***

Power Conditioners *by APC*

A study by Bell Labs found that over 87% of power problems are brownouts. Power conditioners protect your system from this common problem. They regulate the incoming line voltage, stepping up low voltage and stepping down high voltage to levels suitable for your equipment. Multi-stage surge suppression prevents catastrophic system damage and prolongs system life. Advanced EMI and RFI filtering prevents line noise from corrupting your data. The **Line-R 600** is suitable for 386/486 systems, fax machines, and home entertainment equipment (rated to 600 watts). The **Line-R 1250** handles multiple systems, laser printers, and phone systems (rated to 1250 watts). $25,000 insurance protection included. Dim: 6¾"W x 5"H x 8⅓"D. Warranty: 2 yrs.

Line-R 600 Item #401LR600
List Price: $179 ***YOUR PRICE: $149.95***
Line-R 1250 Item #401LR1250
List Price: $269 ***YOUR PRICE: $229.95***

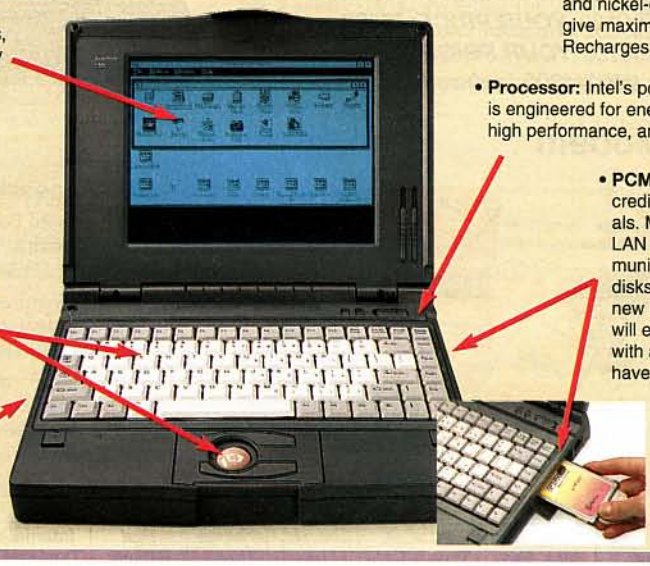
Contrary To Popular Belief, You Can Take It With You

Notebook computers have evolved to a point where they can do just about anything a desktop system can, and they can do it *anywhere*. A student can carry one to school, do research in the library and then take it home to write a term paper. Notebook-equipped business people can make time on the road more productive, or get away from the office to work more comfortably at home, where they can grab a sandwich between spreadsheets. And many people just need a *small* computer; one they can hide away in a drawer when they don't need it, to free up space on a crowded desk.

The bottom line: *Portability increases productivity.* Only in the last year or two have portables really come into their own with faster, more energy-efficient processors, higher quality displays, longer battery life, and bigger hard drives. The new *sub-notebooks* are even more portable. The Altima Traveler packs an incredible amount of power into a package that weighs about four pounds! If you've been waiting for the right time to buy a notebook or sub-notebook, now is it!

Portable High Technology

- **Display:** Resolution, brightness, and speed are critical to display performance. Choose between active-matrix color, passive-matrix color, or monochrome.
- **Data Storage:** Hard drive capacity is 80MB all the way up to 340 MB.
- **Keyboard:** The full 84-key layout has a crisp, positive feel. And the integrated trackball speeds up tasks.
- **Ports:** Connect external color monitor, keyboard, mouse, numeric keypad, serial modem, and parallel printer.
- **Battery:** Nickel metal-hydride and nickel-cadmium batteries give maximum performance. Recharges take 1–4 hours.
- **Processor:** Intel's powerful 486 CPU is engineered for energy efficiency, high performance, and long battery life.
- **PCMCIA Slot:** Connects credit-card sized peripherals. Modems, extra RAM, LAN cards, wireless communications, and hard disks are available. The new PCMCIA standard will ensure compatibility with all portables that have a PCMCIA slot.



What is PCMCIA?

The Personal Computer Memory Card International Association expansion slot allows notebooks to connect to a new technology: credit card-sized peripherals! You can plug in a LAN card, a fax/modem, or any PCMCIA Type I or Type II peripheral. PCMCIA increases the power and versatility of notebooks to near desktop levels! And with Acer notebooks (see next page), you can convert 2 Type II slots to one Type III slot to take advantage of the new 10.5mm disk drives and wireless communications devices.

CONSUMER TIP

Choosing Between Active and Passive Color Displays

The popularity of notebooks with active color displays has exploded in the last year. Why? Because active color gives you brilliantly clear images with higher color saturation, sharper line definition, and faster screen updates than passive color displays. With passive color, a single transistor controls each *row and column* of pixels. With active color, one transistor is assigned to *each* pixel. This allows the image and its color to be precisely controlled. Active color screens display a broader range of colors and do not suffer from the "ghosting" that is common with passive color. Choosing between active and passive displays finally comes down to your individual needs and budget. Active color is definitely much closer to "living color," but passive color still gives you a quality image at a lower price.

NEW

The Altima Traveler Sub-notebook

The 4-pound Traveler has a powerful, energy-efficient Intel 486 25MHz SL-enhanced processor and 4 MB of RAM to easily handle Windows applications. A removable hard drive and one PCMCIA Type II slot give you maximum flexibility. An extra-bright 8" backlit monochrome display has a high refresh rate for super-fast graphics. Power management features along with a nickel metal-hydride battery give you 4–6 hours of use between charges!

Includes an external 3½" floppy drive (pictured) and an internal trackball. Parallel, serial, and keyboard ports are provided, plus a port for an external monitor. Full 84-key keyboard. Includes MS-DOS 6.2 and Windows 3.1. Dimensions: 10"W x 7 1/16"H x 1½"D. Warranty: 1 year.

With 80 MB Hard Drive
Item #425TRAV80
YOUR PRICE: $1799

With 120 MB Hard Drive
Item #425TRAV120
YOUR PRICE: $1949

intel inside

Compare...

Sub-notebook *Notebook*

Altima Traveler Accessories:

Hayes Optima PCMCIA 14.4 Fax/Modem (pictured)	4510801364	$349.95
4MB Memory Upgrade	425TRAV4MB	$339.95
Cigarette Lighter Adapter	425TRAVCIG	$79.95
Additional Battery	425TRAVNMH	$179.95
Additional AC Adapter	425TRAVAC	$129.95
External Keyboard Adapter	425TRAVKBA	$19.95

AcerNote 750 Notebooks *Active Color or Monochrome*

The AcerNote 750 is recognized by users for its high performance, rugged construction, and excellent value. The 750-series uses the powerful Intel 486SL/25MHz low voltage processor. The chip has a 486DX core with *both* an integrated 8K of internal cache memory and a math coprocessor, enabling it to easily outperform the 486SX. Two PCMCIA expansion slots (convertible to one Type III slot) increase versatility by giving you access to a wide range of credit-card size peripherals. The monochrome version features a very bright 9½" backlit display. The color version gives you a cutting-edge *active matrix* color display that is razor sharp, with 256 vibrant colors, and lightning-fast updates. And the keyboard has a spacious 85 keys with a very solid, high-quality feel. Software included: MS-DOS 6.2, Microsoft Windows, Microsoft Works for Windows. Warranty: 1 year.

Active Color (340 MB Hard Drive) Item #448750C340 ***YOUR PRICE: $3899***
Active Color (200 MB Hard Drive) Item #448750C200 ***YOUR PRICE: $3699***
Active Color (120 MB Hard Drive) Item #448750C120 ***YOUR PRICE: $3599***
Monochrome (120 MB Hard Drive) Item #448750120 ***YOUR PRICE: $1999***
Monochrome model includes a FREE PCMCIA 9600/4800 fax/modem!

Hayes OPTIMA PCMCIA Fax/Modem

Credit-card sized 14,400bps data and send/receive FAX. Begin communicating immediately using *Smartcom for Windows LE* and *Smartcom Fax for Windows* software. Plug into the PCMCIA slot (Type II). Supports V.32/V.32bis, V.42/V.42bis, MNP2–5. Maximum throughput of 57,600bps gives you high performance in a small package. Warranty: 5 years.

Item #4510801364 ***YOUR PRICE: $349.95***

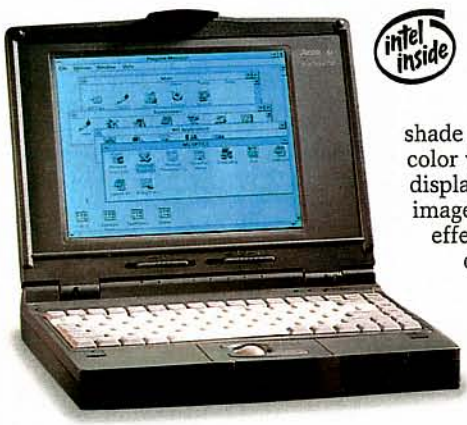
AcerNote 750 Accessories:

PCMCIA LAN Card (Twisted Pair)	4481410001	$399.95
PCMCIA LAN Card (Coaxial)	4481410002	$399.95
Additional Battery	4482028001	$119.95
Additional AC Adapter	4482128011	$129.95
4 MB Memory Upgrade	4482110001	$289.95
16 MB Memory Upgrade	4482110003	$1699.95
Cigarette Lighter Adapter	4485951001	$79.95
Acer Small Carry Bag	4480328001	$49.95
Acer Large Carry Bag	4480628061	$99.95
17-Key Numeric Keypad	4488207541	$69.95

AcerNote Notebooks

Model	Processor/ Speed	RAM Std/Max.	Hard Drive	Screen Type	Graphics Max. Res.	PCMCIA Type II Slots	Charge Life	Recharge Time	Fax/ Modem	Internal Trackball	Weight (lbs.)	Item #	Your Price
730-120	i486™ SX/25 SL-enhanced	4MB/12MB	120 MB	Monochrome	64 shades 640 x 480		3 hrs.	2 hrs.	internal	✔	5.9	448730120	$1,499
730C-120	i486™ SX/25 SL-enhanced	4MB/12MB	120 MB	Dual Scan Passive Matrix Color	16 colors 640 x 480		3 hrs.	2 hrs.	internal	✔	6.4	448730C120	$2,299
730C-200	i486™ SX/25 SL-enhanced	4MB/12MB	200 MB	Dual Scan Passive Matrix Color	16 colors 640 x 480		3 hrs.	2 hrs.	internal	✔	6.4	448730C200	$2,399
750-120	i486™ SL/25	4MB/20MB	120 MB	Monochrome	64 shades 640 x 480	2	4 hrs.	2.5 hrs.	PCMCIA included	✔	6.6	448750120	$1,999
750C-120	i486™ SL/25	4MB/20MB	120 MB	Active Matrix Color	256 colors 640 x 480	2	3 hrs.	2.5 hrs.	Optional	✔	7.25	448750C120	$3,599
750C-200	i486™ SL/25	4MB/20MB	200 MB	Active Matrix Color	256 colors 640 x 480	2	3 hrs.	2.5 hrs.	Optional	✔	7.25	448750C200	$3,699
750C-340	i486™ SL/25	4MB/20MB	340 MB	Active Matrix Color	256 colors 640 x 480	2	3 hrs.	2.5 hrs.	Optional	✔	7.25	448750C340	$3,899

AcerNote 730 Notebooks *Passive Color or Monochrome*



Monochrome Screen

The Acer 730 series gives you 486 power at a 386 price! It is powered by an Intel 486SX/25MHz *SL-enhanced* processor (without the math coprocessor). The monochrome AcerNote730 has a bright 9½" backlit display with 640 x 480 resolution and a 64-shade grayscale for crisp, clean lines and good contrast. The color version has an extremely high-resolution passive color display. Its vibrant color images are extra-sharp because *two* image scanners are used (instead of just one) to double the effective scan rate. You get much sharper definition and color saturation. An internal floppy drive, 4 MB of RAM and sleek styling make the 730-series an exceptional value. Software included: MS-DOS 6.2, Microsoft Windows 3.1, Microsoft Works for Windows, Phoenix Microfax, Prodigy. Warranty: 1 year.

Passive Color (200 MB Hard Drive) Item #448730C200 ***YOUR PRICE: $2399***
Passive Color (120 MB Hard Drive) Item #448730C120 ***YOUR PRICE: $2299***

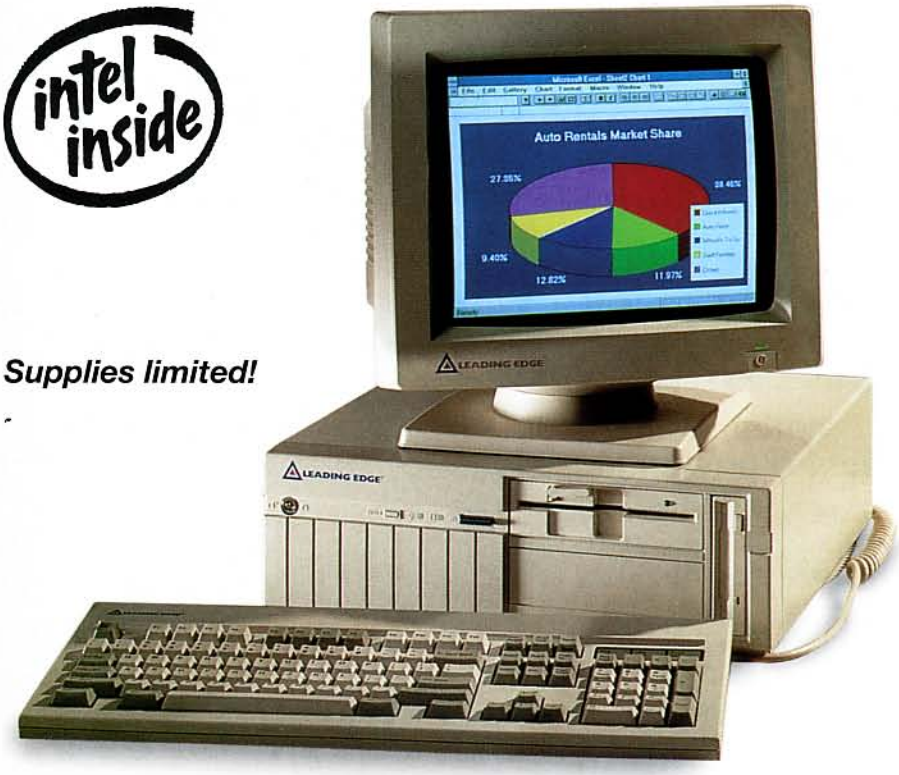
Sale! ***Was $1699*** **Monochrome with 4 MB of RAM (120 MB Hard Drive)** Item #448730120 ***$1499***

AcerNote 730 Accessories:

Additional Battery for 730	4485328001	$99.95
Additional Battery for 730C	4485328002	$169.95
Additional AC Adapter	4485328011	$129.95
2 MB Memory Upgrade	4480610032	$179.95
4 MB Memory Upgrade	4480610033	$289.95
8 MB Memory Upgrade	4480610036	$799.95
Cigarette Lighter Adapter	4485951001	$79.95
Acer Small Carry Bag	4480328001	$49.95
Acer Large Carry Bag	4480628061	$99.95
17-Key Numeric Keypad	4488207541	$69.95

Killer Close-outs!

These Leading Edge PCs deliver Intel486™ power at 386 prices



Supplies limited!

Leading Edge WinProE

These powerful desktop PCs have impressive specs and come with lots of free software to get you started. There's plenty of room for more memory and add-in cards as your needs grow.

- **Intel 486™SX or 486DX/33 MHz processor**
- **170 or 260 MB hard drive**
- **4 MB RAM (expandable to 32 MB)**
- **3½" and 5¼" floppy drives**
- **Windows accelerated video (1 MB video RAM)**
- **5 expansion slots (3 available)**
- **Toll-free technical support**
- **12-month GE on-site or 36-month return-to-depot service option**
- **FREE software: *Windows 3.1, MS-DOS 6.2, Microsoft Works for Windows, Quicken for Windows, Microsoft Productivity Pack, Crutchfield Help Library***
- **FREE Crutchfield mouse pad**

Intel 486SX/33 with 170 MB hard drive
Item #430WIN3254
$999

Intel 486DX/33 with 260 MB hard drive
Item #430WIN4284
$1199

Leading Edge monitors sold separately. See page 147.

Leading Edge WinTower

These i486™ mini-towers have Super VGA video cards for sharper images and richer colors, and you get even more room for expansion.

- **Intel 486™SX or 486DX/33 MHz processor**
- **170 or 260 MB hard drive**
- **4 MB RAM (expandable to 32 MB)**
- **3½" and 5¼" floppy drives**
- **Windows accelerated Super VGA video card (1 MB video RAM)**
- **6 expansion slots (5 available)**
- **Toll-free technical support**
- **12-month GE on-site or 36-month return-to-depot service option**
- **FREE software: *Windows 3.1, MS-DOS 6.2, Microsoft Works for Windows, Quicken for Windows, Microsoft Productivity Pack, Crutchfield Help Library***
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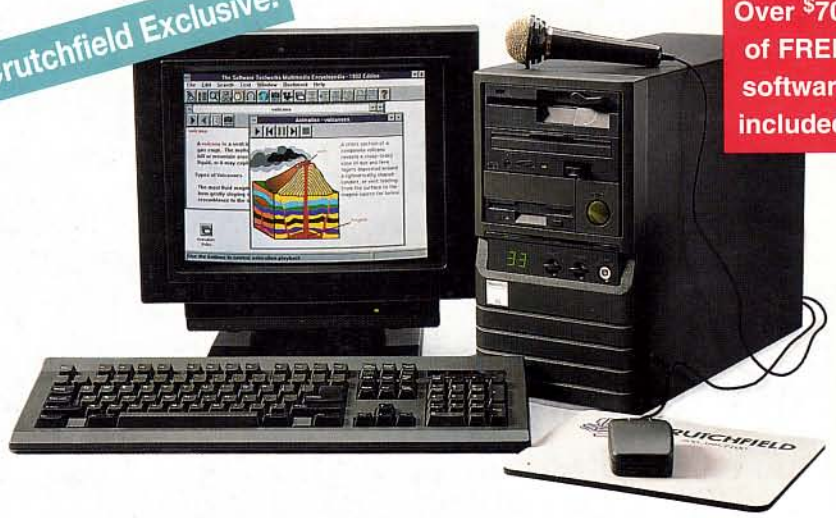

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